

[Home](#)[Pictures](#)[Schedule](#)[Speakers](#)[Sponsors](#)[Our Team](#)[Venue](#)[Event App](#)[Download Conference Proceeding](#)[Download Program Guide](#)[Videos Replay](#)**268**

UNIVERSITY SPEAKERS

**235**

INDUSTRY SPEAKERS

**75**

TECHNICAL BOOTHS

**69**

DEV TALKS

**30**

WORKSHOPS

**39**

ACADEMIC TALKS

**10**

TECHNICAL THEMES

**5**

KEYNOTES

**14**

PANELS


**5**

FIRESIDE CHATS

**0**

SALES TALKS

## CASCON x EVOKE 2019

 November 4, 2019 - November 6, 2019

 Hilton Toronto / Markham Suites Conference Center and Spa

**INTERDISCIPLINARY. INTERCONNECTED. INTEGRATED.**

From November 4th to 6th, 2019, the IBM annual academic and research conference, CASCON is partnering with the annual developer conference, Evoke to present CASCON x EVOKE.

CASCON x Evoke will feature over 1,500 attendees bringing together the worlds of academia, research, development and every industry for three days of demos, discussions and talks on everything AI, Blockchain, Cloud Computing, Data, Extended Reality, Quantum Computing, Software Engineering and more. It attracts software developers, researchers, innovators, technologists and decision makers from academia, industry, and government who come together to learn about technology trends, present papers, participate in workshops, and exhibit prototypes and solutions. Conference proceedings are published in the ACM Digital Library.

## Opening Remarks



**Steve Astorino**

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VP, DEVELOPMENT, HYBRID CLOUD,  
ANALYTICS & CANADA LAB  
DIRECTOR  
IBM



**Sep Seyedi**

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CTO  
HAVAS CANADA

**November 4th**  
**09:00am - 09:30pm**

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## Keynote Speakers



## Robert Herjavec

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FOUNDER & CEO,  
HERJAVEC GROUP



## Dr. Ann Cavoukian

---

EXECUTIVE DIRECTOR,  
GLOBAL PRIVACY & SECURITY  
BY DESIGN CENTRE

[Replay Available](#)



## Rob Thomas

---

GM,  
IBM DATA & WATSON AI

[Replay Available](#)



## Brad Micklea

---

SR. DIRECTOR & BU LEAD,  
RED HAT

[Replay Available](#)



**Amber Simpson**

---

ASSOCIATE PROFESSOR,  
QUEEN'S UNIVERSITY

**Replay Available**

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## Featured Speakers



**Bruce Croxon**

---

MANAGING PARTNER  
ROUND13 CAPITAL

**Replay Available**



**Kardinal Offishall**

---

ARTIST, ENTREPRENEUR  
UNIVERSAL MUSIC GROUP

**Replay Available**



**Rhonda Lenton**

---

PRESIDENT & VICE-CHANCELLOR,  
YORK UNIVERSITY





**Melody Adhami**

---

CEO,  
PLASTIC HAVAS



**Sam Lightstone**

---

CTO FOR DATA & IBM FELLOW  
IBM CANADA LTD.



**Ron Williams**

---

CHIEF ARCHITECT THREAT  
PROTECTION,  
PRINCIPAL ARCHITECT  
X-FORCE EXCHANGE  
IBM



**Alexandra Panousis**

---

PRESIDENT, CHIEF MEDIA OFFICER  
HAVAS MEDIA

**SHOWCASE YOUR RESEARCH. SHARE YOUR KNOWLEDGE.**



Submit your paper and showcase your research findings to a variety of attendees from different backgrounds and specialties.

[Read More](#)

## Workshops



You will have the opportunity to present, discuss, and debate ideas, challenges, emerging technologies and project directions in an interdisciplinary environment.

[Read More](#)

## Expos



Our famous technology showcase is interactive, innovative, and includes diverse exhibits of research interests, technologies, joint projects, and collaboration opportunities.

[Read More](#)

## Dev Talks



CASCON x Evoke is bringing in a series of development talks on everything AI, Blockchain, Cloud Computing, Data, Extended Reality, Quantum Computing, Software Engineering and more.

[Read More](#)

## Tech For Good Pitch Competition



Tech For Good Pitch Competition brings together the most exciting tech for good startups from across the country for a live battle on stage.

Apply

### Canada's Tech Titans: Top 19 of 2019



Canada's Tech Titans: Top 19 of 2019 annual award honours Canada's top 19 most prominent innovative technology leaders of 2019.

Nominate



CASCON, the 29th Annual International Conference on Computer Science and Software Engineering, is the premier industrial and academic conference for advanced studies in computer science and software engineering sponsored by the IBM Canada Laboratory.

<https://www-01.ibm.com/ibm/cas/cascon/about.jsp>



Evoke, a non-profit initiative, presented by Plastic Havas, brings together the developer community in Toronto for one of the largest developer conferences and events in Canada. Evoke's mission is to inspire, excite, motivate and unite Canada's leading developers, engineers, data scientists, tech leaders and entrepreneurs.

<https://www.evokecanada.com/>

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 #CASCONxEVOKE, @IBMCanada, @EvokeCanada

 [info@cascon.ca](mailto:info@cascon.ca)

 Our Team



## A few highlights of our precious moments



Opening remarks from the Mayor, City of Markham



IoT, Mobile, & Smart Cities track - General Adversarial Networks in Designing Electromagnetic Engineered Surfaces



GForce is here!



Extended Reality and Gaming track - Transforming Learning using XR



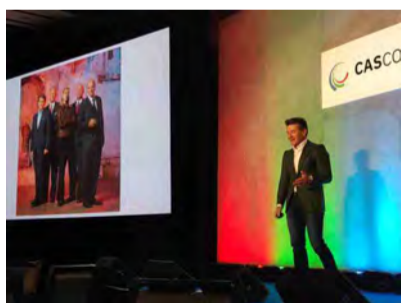
Come check out our Quick Labs on developing and deploying Microservices to cloud using open-source technologies. Also, you'll get a free book!! We are in the Expo room.



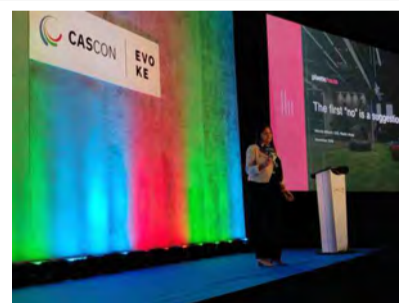
Our host Steve Astorino and Sep Seyedi introducing our Keynote



Build, Deploy and Administer Microservices using Kubernetes & IBM Cloud API Management - Part 1

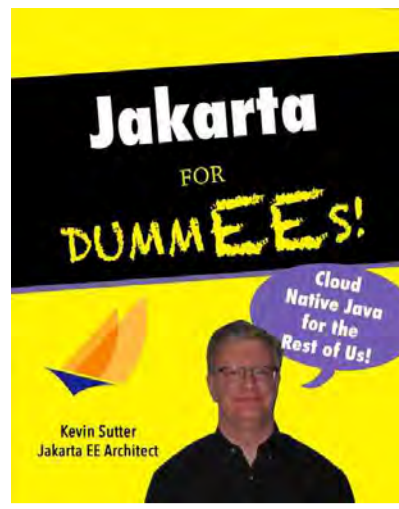


Keynote Robert Herjavec





Come by the IBM Developer booth to take control of the OpenLiberty Space and shoot down some targets!



Come to my session at 1:00 in Violet-Orchid to learn about Jakarta EE and MicroProfile!



Quantum track - Quantum Computing, a new paradigm in computational biology



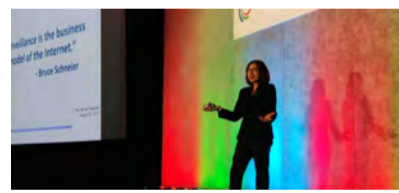
AI, Blockchain & Robotics track - Db2 an AI database



Opening remarks



Opening Day 2!



Opening keynote with Rob Thomas - General Manager of IBM Data and AI







Cloud Computing track -  
the 11th CASCON  
workshop on cloud  
computing



AI, Extended Reality, &  
Gaming track - Enhancing  
Pediatric patient  
experiences using  
augmented reality



From music to  
entrepreneurship -  
Kardinal Offishall & Paris's  
Durrani



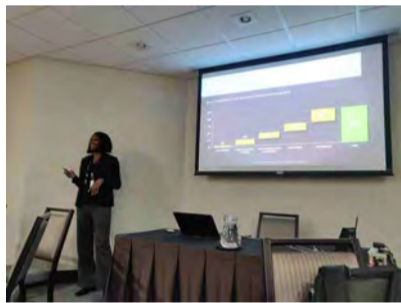
AI, Blockchain, & Robotics  
track - Classification of  
histopathological biopsy  
images using ensemble of  
deep learning networks



AI, Extended Reality, &  
Gaming track - Defining a  
new medical era: virtual  
hospitals for developing  
countries



IoT, Mobile, & Smart  
Cities: Leveraging AI for  
Better User Insights



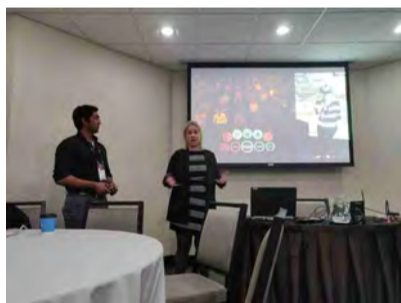
IoT, Mobile, & Smart Cities  
track - New Era of finance  
in emerging technologies  
& women in emerging  
technologies



IoT, Mobile, & Smart Cities  
track - on the distribution  
of test smells in open  
source Android  
applications: an  
exploratory study



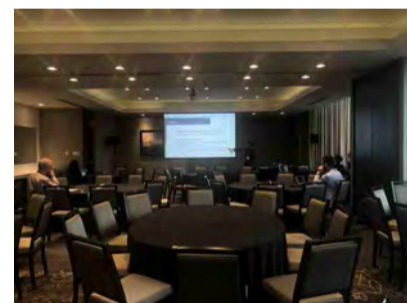
Cloud computing track -  
Optimizing Serverless  
Computing: Introducing  
an Adaptive Function  
Placement Algorithm



AI, Extended Reality, &  
Gaming track - Demo by  
Instage



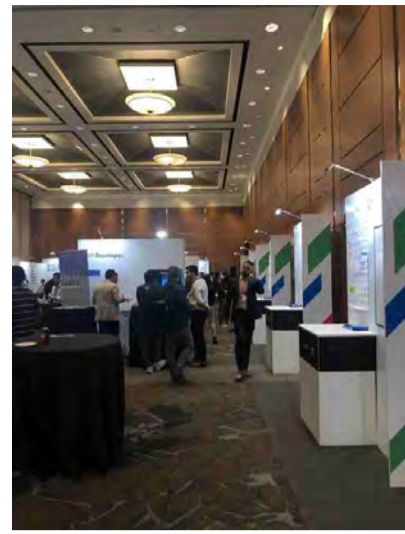
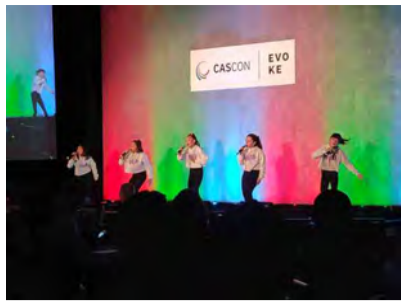
AI, blockchain, & robotics  
track - decentralized  
delivery network of IoT  
update files based on  
ethereum smart contracts  
and blockchain technology



Validation process for  
services produced by  
digital transformation



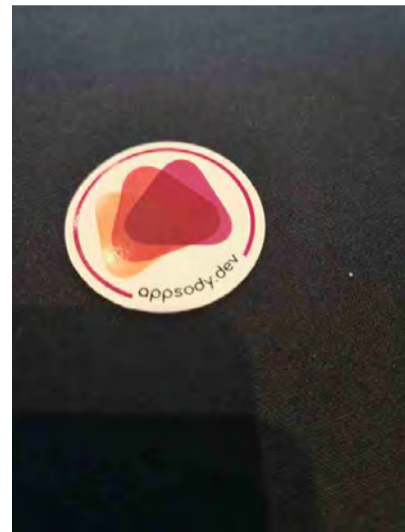
Cloud computing track -  
Research challenges in  
query processing and data  
analytics on the edge



Come check out the expo next to the main hall!



Last chance to play Space Sentry. Now on at the IBM Developer booth in the expo.



Come learn how to compose a Cloud-native masterpiece using Appsoy! Hands-on workshop at 1 pm in Holly-Butternut



Will blockchain disrupt the healthcare industry?



Privacy & Security: Kubernetes Security & Access Management

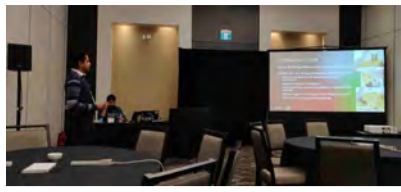


Panel discussion: Will blockchain disrupt the healthcare industry?



Quantum Computing track - quantum computing: IBM Q & Qiskit experience and applications





AI Blockchain & Robotics track - distributed software health and quality metrics with blockchains



Starting off the day with an awesome keynote by Amber Simpson



Quantum Computing track - challenges and opportunities



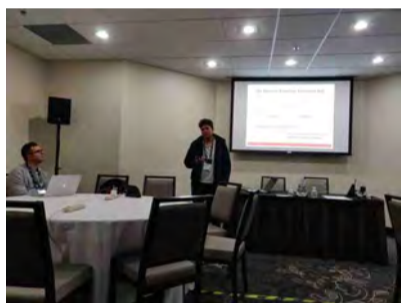
Cloud Computing track: easy microservices application development with elipse codewind



CASCON x Evoke 2020 November 9 - 13 at the Metro Toronto Convention Centre!



IoT Mobile & Smart Cities track - developing a complete watershed IOC platform through integrated stakeholder collaboration



IoT Mobile & Smart Cities track: investigating the relationship between evolutionary coupling and software bug-proneness



Opening ceremony day 3!



From Casual Gaming to Making Millions: A Deep Dive Into the Fast Growing Esports Industry



Ensure you complete your full sticker set. Visit us at the IBM Developer booth in the expo today.



Gala about to begin!



Cloud Computing track - 3rd workshop on Advances in open Runtime Technology for cloud computing



AI, Blockchain, & Robotics - what's beyond cryptot trading? The future FX trading empowered by stablecoin



AI, Blockchain & Robotics track: Blockchain Hyperledger and smart contracts (oh my!)





Embracing retail disruption: technology transformation at HBC



AI, Blockchain, & Robotics track - Deep learning brain regions in Harvard-Oxford Atlas using SegNet model



AI, Blockchain, & Robotics track - Do it yourself natural language processing for practitioners



Extended Reality & Gaming track - breaking into the VR/AR industry as a developer, designer, or non-technical role



Main hall - Future Growth in the Space Sector by Sylvain Laporte



Cloud Computing Track - 3rd Workshop on Advances in Open Runtime Technology for Cloud Computing



IoT, Mobile, & Smart Cities track - hands on workshop: sentiment analysis using Watson cloud services



Quantum Computing track - quantum computing: challenges and opportunities

Monday Nov 4, 2019

Table with 14 columns: Monday, 360 Expo (Conf. Centre 1, 2), 360 Main Hall (Conf. Centre 3, 4, 5), AI, Blockchain & Robotics (Markham Ballroom B), AI, Extended Reality & Gaming (Elm2), Cloud Computing (Markham Ballroom A), Compilers, Languages & Runtimes (Violet-Orchid), Everything Data (Primrose), IoT, Mobile & Smart Cities (Elm1), Privacy & Security (Evergreen), Quantum Computing (Markham Ballroom C), Software Engineering (Jasmine), Systems & Innovations (Holly-Butternut), Monday. Rows include time slots from 07:00-08:00 to 18:00, detailing events like Expo set up, registration, keynote by Robert Herjavec, and various technical sessions.

Tuesday	360 Expo (Conf. Centre 1, 2)	360 Main Hall (Conf. Centre 3, 4, 5)	AI, Blockchain & Robotics (Markham Ballroom B)	AI, Extended Reality & Gaming (Elm2)	Cloud Computing (Markham Ballroom A)	Compilers, Languages & Runtimes (Violet-Orchid)	Everything Data (Primrose)	IoT, Mobile & Smart Cities (Elm1)	Privacy & Security (Evergreen)	Quantum Computing (Markham Ballroom C)	Software Engineering (Jasmine)	Systems & Innovations (Holly-Butternut)	Tuesday	
07:00 - 08:00	Expo set up	Registration starts at 7am											07:00 - 08:00	
08:00 - 09:00		Coffee and pastries											08:00 - 09:00	
09:00 - 09:15	<ul style="list-style-type: none"> <li>B1 - Executable modeling framework applied over existing domain applications and business rules</li> <li>B2 - Jamf AirSync: An Automated Approach for Privacy Leakage Identification in IoT Apps</li> <li>B3 - XDebugger: A Cross-Platform Tool for Continuous Development</li> <li>B4 - Design Guidelines to Overcome Continuous Development Adoption Challenges</li> <li>B5 - Detecting Misuses of Overlay APIs</li> <li>B6 - Smart Contracts in Database Systems: A Predictive Self-Learning Method</li> <li>B7 - Towards Optimized Scaling in In-Secret Simulations</li> <li>B8 - Easy Cloud-Native Development with Eclipse Codewind</li> <li>B9 - Open9 - Improved Performance with Value Types in Java</li> <li>B10 - Watson Assistant Dialog Visualization &amp; Auto-Generation</li> <li>B11 - An Analysis of the Scale of the Git Merge Storm</li> <li>B12 - A Comparative Analysis of Microservice Extraction Techniques</li> <li>B13 - GIMP - Check Your Privileges in IoT Apps</li> <li>B14 - A Mutation Framework for Evaluating Security Analysis tools in IoT Applications</li> <li>B15 - Efficient Compiler-Driven Pointer Compression</li> <li>B16 - A Model-based Middleware for Continuous Software Evolution at Run-time</li> <li>B17 - Integration of Top-k publish/subscribe in Real-Time Bidding</li> <li>B18 - Balancing performance, security and cost tradeoffs of Blockchain in IoT applications</li> <li>B19 - Evolving Java for Non-Volatile Memory</li> <li>B20 - Acceleration Opportunities in General-Purpose Linear Algebra Applications via Polyhedral Analysis and Eigenization</li> <li>B21 - Accelerating Python Code Using JitSunder</li> <li>B22 - Susseum: A Blockchain Based Reward Structure for Sustaining the Software</li> <li>B23 - Iron-o-a: A User-Friendly Framework for Creating and Testing Finite State Machines</li> <li>B24 - Continuous Optimization Model for Instruction Scheduling</li> <li>B25 - A Technique for Finding Optimal Program Launch Parameters Targeting Manycore Accelerators</li> </ul>	Opening remarks											09:00 - 09:15	
09:15 - 09:30		Keynote by Rob Thomas												09:15 - 09:30
09:30 - 09:45		Expo												09:30 - 09:45
09:45 - 10:00			Dev Talk: The first "no" is a suggestion											09:45 - 10:00
10:00 - 10:15														10:00 - 10:15
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17:45 - 18:00													17:45 - 18:00	
18:00 - 18:30	Gala Registration												18:00 - 18:30	
18:30 - 21:30	Gala - CASCON x EVOKE Awards Reception												18:30 - 21:30	



[Download Conference Proceeding](#)
[Download Program Guide](#)
[Login/Register for Session](#)


The IBM annual academic and research conference, CASCON is partnering with Evoke developer conference to launch CASCON x Evoke and is bringing in a series of development talks on everything AI, Blockchain, Cloud Computing, Data, Extended Reality, Quantum Computing, Software Engineering and more.

## Dev Talks

Date	Time	Title	Speaker	Organization	Track	Room
Monday Nov 4	10:45 - 11:15	<a href="#">The Unintended Consequences of Platforms</a>	Matthew Spoke	Aion Foundation	AI, Blockchain & Robotics	Markham Ballroom B
Monday Nov 4	10:45 - 11:15	<a href="#">The importance of privacy protection in the age of technology.</a>	Robin Gould-Soil	HSBC	Privacy & Security	Evergreen
Monday Nov 4	10:45 - 11:15	<a href="#">A Deep Dive in the Engineering and Data Talent Market</a>	Joshua O'Grady	Sprout.Fit	Software Engineering	Jasmine
Monday Nov 4	10:45 - 11:15	<a href="#">Leveraging AI for Better User Insights</a>	Megan Mekitiak	Plastic Havas	IoT, Mobile & Smart Cities	Elm1
Monday Nov 4	10:45 - 11:15	<a href="#">Experiencing content is changing from observation to immersion</a>	Blair Renaud	IRIS VR	AI, Extended Reality & Gaming	Elm2
Monday Nov 4	11:15 - 11:30	<a href="#">Defining A New Medical Era; Virtual Hospitals for Developing Countries</a>	Riya Mehta	The Knowledge Society (TKS)	AI, Extended Reality & Gaming	Elm2



Date	Time	Title	Speaker	Organization	Track	Room
Monday Nov 4	11:15 - 11:45	<a href="#">Leveraging Data for Marketing</a>	Swish Goswami	Trufan.io	360 Main Hall	Conference Center 3,4,5
Monday Nov 4	11:30 - 11:45	<a href="#">Enhancing Pediatric Patient Experiences Using Augmented Reality.</a>	Arnav Shah	The Knowledge Society (TKS)	AI, Extended Reality & Gaming	Elm2
Monday Nov 4	11:30 - 12:00	<a href="#">Creating a data-driven culture in the public sector</a>	Matthew Tenney	City of Toronto	Everything Data	Primrose
Monday Nov 4	11:45 - 12:15	<a href="#">New era of finance in emerging technologies &amp; women in emerging technologies</a>	Othalia Doe-Bruce	InnovFin Consulting Inc	IoT, Mobile & Smart Cities	Elm1
Monday Nov 4	11:45 - 12:15	<a href="#">When Innovation Works</a>	Fatema Pirone	CIBC	Systems & Innovations	Holly-Butternut
Monday Nov 4	11:45 - 12:15	<a href="#">Demo by InStage</a>	Imran Mouna	InStage	AI, Extended Reality & Gaming	Elm2
Monday Nov 4	13:00 - 13:30	<a href="#">Rising Stars: Young talent driving innovation in tech</a>	Gracelyn Shi, Shifra Khan, Ananya Chadha	The Knowledge Society	360 Main Hall	Conference Center 3,4,5
Monday Nov 4	13:00 - 13:30	<a href="#">Db2 an AI Database</a>	Piotr Mierzejewski	IBM Canada Ltd.	AI, Blockchain & Robotics	Markham Ballroom B
Monday Nov 4	13:00 - 13:30	<a href="#">Beyond Gaming, Ubisoft initiatives in Education</a>	Olivier Palmieri	Ubisoft Montreal	AI, Extended Reality & Gaming	Elm2
Monday Nov 4	13:00 - 13:30	<a href="#">Internet of Things - How our world is evolving</a>	Navjeet Grewal	CIBC	IoT, Mobile & Smart Cities	Elm1
Monday Nov 4	13:00 - 13:30	<a href="#">Quantum Computing: a New Paradigm in Computational Biology.</a>	Maggie Li	The Knowledge Society (TKS)	Quantum Computing	Markham Ballroom C
Monday Nov 4	13:30 - 13:45	<a href="#">Journey from Software Developer to AI Developer</a>	Rahat Yasir	Intact Financial Corporation	AI, Extended Reality & Gaming	Elm2
Monday Nov 4	13:30 - 14:00	<a href="#">Exploring the path towards a complete Autonomous Decentralized Governance</a>	Toufi Saliba	Toda.Network	AI, Blockchain & Robotics	Markham Ballroom B
Monday Nov 4	13:30 - 14:00	<a href="#">Privacy-preserving Data Science</a>	Monica Holboke	CryptoNumerics	Everything Data	Primrose
Monday Nov 4	13:30 - 14:00	<a href="#">Practical Quantum Computing with D-Wave</a>	Alexander Condello	D-Wave Systems Inc	Quantum Computing	Markham Ballroom C

Date	Time	Title	Speaker	Organization	Track	Room
Monday Nov 4	14:00 - 14:30	<a href="#">Understanding Natural Language Processing</a>	Karthik Balakrishnan	Wysdom.AI	AI, Blockchain & Robotics	Markham Ballroom B
Monday Nov 4	14:30 - 14:45	<a href="#">AI Ethics and Foresight Design</a>	Tania De Gasperis	OCAD University	AI, Blockchain & Robotics	Markham Ballroom B
Monday Nov 4	14:45 - 15:00	<a href="#">The Next Internet: An Interconnected Network of Brains Communicating Telepathically.</a>	Michael Ye	The Knowledge Society	360 Main Hall	Markham Ballroom B
Monday Nov 4	15:15 - 15:45	<a href="#">Compiler Development Challenges</a>	Kit Barton	IBM Canada Ltd.	Compilers, Languages, Runtimes	Violet-Orchid
Monday Nov 4	15:15 - 15:45	<a href="#">Quantum Computing Advancement and its Security and Operational Implications for the Enterprises</a>	Dr. Atty Mashatan	Ryerson University	Quantum Computing	Markham Ballroom C
Monday Nov 4	15:15 - 15:45	<a href="#">A Lean and Mean Java Virtual Machine for the Cloud</a>	Marius Pirvu	IBM Canada Ltd.	Cloud Computing	Markham Ballroom A
Monday Nov 4	15:15 - 15:45	<a href="#">AI In The Insurance Industry.</a>	Abdollah G. Dehnashi	Genellipse Inc.	AI, Blockchain & Robotics	Markham Ballroom B
Monday Nov 4	15:15 - 15:45	<a href="#">Threat Intelligence Research and Operations</a>	Ron Williams	IBM	Privacy & Security	Evergreen
Monday Nov 4	15:15 - 15:45	<a href="#">Cognitive Software Delivery and Testing</a>	Kevin Smith	IBM	Software Engineering	Jasmine
Monday Nov 4	15:45 - 16:15	<a href="#">Humanity &amp; AI: Preparing for an Intelligent Future</a>	Shalev Lifshitz	SickKids Hospital	AI, Extended Reality & Gaming	Elm 2
Monday Nov 4	15:45 - 16:15	<a href="#">Secure Engineering and Data Privacy. Best Practices for Cloud Workloads</a>	James T Mulvey	IBM	Privacy & Security	Evergreen
Monday Nov 4	15:45 - 16:15	<a href="#">A New and Smart Way to Build Cloud-Native Microservices - MicroProfile</a>	Alasdair Nottingham, Cindy High	IBM	Compilers, Languages, Runtimes	Violet-Orchid
Monday Nov 4	15:45 - 16:15	<a href="#">Infrastructure as code using Terraform</a>	Radu Mateescu	IBM	Cloud Computing	Markham Ballroom A
Monday Nov 4	15:45 - 16:15	<a href="#">Revolutionizing tech for good in blockchain</a>	Emma Todd	MMH Blockchain Group	AI, Blockchain & Robotics	Markham Ballroom B
Monday Nov 4	16:15 - 16:45	<a href="#">Thoughts on Connected Vehicles Security: from the perspective of a Woman in Cybersecurity.</a>	Ikjot Saini	Women in Cyber Security Windsor Student Chapter	Privacy & Security	Evergreen

Date	Time	Title	Speaker	Organization	Track	Room
Monday Nov 4	16:15 - 16:45	<a href="#">The evolving software development functions</a>	Rohan Nair	Highline Beta	Software Engineering	Jasmine
Monday Nov 4	16:30 - 17:00	<a href="#">The first "no" is a suggestion</a>	Melody Adhami	Havas Canada	360 Main Hall	Conf Centre 3/4/5
Tuesday Nov 5	10:45 - 11:15	<a href="#">Future Growth Opportunities in the Space Sector</a>	Sylvain Laporte	Canadian Space Agency	360 Main Hall	Conference Center 3,4,5
Tuesday Nov 5	10:45 - 11:15	<a href="#">Do-It-Yourself Natural Language Processing for Practitioners</a>	Susan Li	Kognitiv Corporation	AI, Blockchain & Robotics	Markham Ballroom B
Tuesday Nov 5	10:45 - 11:15	<a href="#">How do XR startups get enterprise clients?</a>	Alan Smithson	MetaVRse	AI, Extended Reality & Gaming	Elm2
Tuesday Nov 5	11:45 - 12:15	<a href="#">Deep Learning for Self Driving</a>	Inmar Givoni	Uber ATG	360 Main Hall	Conf Centre 3,4,5
Tuesday Nov 5	11:45 - 12:15	<a href="#">Kabanero: Developing, Designing More Cloud-Native Applications Faster while Managing with Confidence</a>	Tim deBoer	IBM Canada Ltd.	Compilers, Languages, Runtimes	Violet-Orchid
Tuesday Nov 5	11:45 - 12:15	<a href="#">Data and AI: How AI Disrupts Our Relationship with Computers</a>	Sam Lightstone	IBM Canada Ltd.	Everything Data	Primrose
Tuesday Nov 5	13:00 - 13:30	<a href="#">How do we identify the Blockchain startups that will survive?</a>	Mohamed EL KANDRI	Smart Transformation	AI, Blockchain & Robotics	Markham Ballroom B
Tuesday Nov 5	13:00 - 13:30	<a href="#">Jakarta for dummEEs!</a>	Kevin Sutter, Cindy High	IBM	Compilers, Languages, Runtimes	Violet-Orchid
Tuesday Nov 5	13:00 - 13:30	<a href="#">Data and Analytics</a>	Jansen Sullivan	Good Weekend Co	Everything Data	Primrose
Tuesday Nov 5	13:30 - 14:00	<a href="#">Ethics of Artificial Intelligence</a>	Steven Astorino	IBM Canada Ltd.	360 Main Hall	Conference Center 3,4,5
Tuesday Nov 5	13:30 - 14:00	<a href="#">What's beyond crypto trading? The future FX trading empowered by stablecoin</a>	Adam Cai	VirgoCX Inc.	AI, Blockchain & Robotics	Markham Ballrom B
Tuesday Nov 5	13:30 - 14:00	<a href="#">AI and Data in Health Care</a>	Matthew Mozaffari	Speer	Everything Data	Primrose
Tuesday Nov 5	13:30 - 14:00	<a href="#">Reacting to the Future of Application Architecture</a>	Iain Lewis	IBM	Compilers, Languages, Runtimes	Violet-Orchid

Date	Time	Title	Speaker	Organization	Track	Room
Tuesday Nov 5	14:00 - 14:30	<a href="#">Time for a change – from the Basement to the Boardroom</a>	Taras Kulyk	Alt 5 Sigma	AI, Blockchain & Robotics	Markham Ballroom B
Tuesday Nov 5	14:00 - 14:45	<a href="#">Women in XR</a>	Julie Smithson	XR Ignite Community Hub & Virtual-Accelerator	AI, Extended Reality & Gaming	Elm2
Tuesday Nov 5	14:45 - 15:00	<a href="#">Scaming Gamers</a>	Guy-Vincent Jourdan	University of Ottawa	360 Main Hall	Conference Center 3,4,5
Tuesday Nov 5	15:15 - 15:45	<a href="#">Automate your Security Analysts - The how, what, why, when and where of applied Threat Intelligence</a>	Ron Williams	IBM	Privacy & Security	Evergreen
Tuesday Nov 5	15:15 - 15:45	<a href="#">Disrupting the Database Landscape with KeyDB and Intel® Optane™ DC Persistent Memory.</a>	Ben Schermel	EQ Alpha Technology (KeyDB)	Software Engineering	Jasmine
Tuesday Nov 5	15:45 - 16:15	<a href="#">Moving from the lab to large scale manufacturing, how to turn data science research efforts into tangible products</a>	Mohammed Ridwanul	Dessa	Software Engineering	Jasmine
Tuesday Nov 5	16:15 - 17:00	<a href="#">NISQ-y Business: Quantum Computing's Coming of Age</a>	Nicholas Bronn	IBM	360 Main Hall	Conference Center 3,4,5
Tuesday Nov 5	16:30 - 17:00	<a href="#">Exploring emergine technologies in engineering</a>	Peng-Sang Cau	Transformix Engineering Inc.	Software Engineering	Jasmine
Tuesday Nov 5	16:30 - 17:00	<a href="#">Exploring emergine technologies in engineering</a>	Peng-Sang Cau	Transformix Engineering Inc.	Software Engineering	Jasmine
Wednesday Nov 6	10:45 - 11:15	<a href="#">The future of extended reality.</a>	J. Lee Williams	Occupied VR Inc.	AI, Extended Reality & Gaming	Elm2
Wednesday Nov 6	10:45 - 11:15	<a href="#">Understanding the future of emerging networking technologies</a>	Irene Katzela	Axio4Tech	Systems & Innovations	Holly-Butternut
Wednesday Nov 6	11:15 - 11:45	<a href="#">What are security tokens and are they the future of securities?</a>	Graeme Moore	Polymath	Systems & Innovations	Holly-Butternut
Wednesday Nov 6	11:45 - 12:15	<a href="#">What's next in AI</a>	Hamed Shair	BMO	Systems & Innovations	Holly-Butternut
Wednesday Nov 6	14:45 - 15:00	<a href="#">Harnessing Computational Power: Quantum Technology and it's Multidimensional Applications</a>	Joey Mach	The Knowlege Society (TKS)	360 Main Hall	Conference Center 3,4,5

Date	Time	Title	Speaker	Organization	Track	Room
Wednesday Nov 6	15:15 - 15:45	<a href="#">Advertising, marketing &amp; media - how technology is advancing these industries</a>	Alex Panousis	Havas Media	360 Main Hall	Conference Center 3,4,5
Wednesday Nov 6	15:45 - 16:15	<a href="#">The Future of Work in a Digital World</a>	Armughan Ahmad	Digital	360 Main Hall	Conference Center 3,4,5
Wednesday Nov 6	17:30 - 18:00	<a href="#">Unicorn Culture: The foundations of billion dollar companies</a>	Navid Nathoo	The Knowledge Society (TKS)	360 Main Hall	Conference Center 3,4,5

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CASCON x EVOKE 2019 **technical papers** should be original research papers and be at most 10 pages long in ACM format (style ACM\_SigConf). CASCON x EVOKE 2019 **experience reports** share experience and lessons gained from the use of technology that can be useful to others and should be at most 10 pages in ACM format . CASCON x EVOKE 2019 **position papers** share vision, highlight technology gaps, or discuss emerging advances and should be at most 6 pages in ACM format . CASCON x EVOKE 2019 will not accept submissions that have been previously published, are in press, or have been submitted elsewhere. Accepted technical papers will be included in the conference proceedings published by CASCON x EVOKE and included in the ACM Digital Library.

## Congratulations to the Paper Authors!

### Accepted Papers

Thank you for your submissions. See you all at CASCON 2019.

Date	Time	Title	Authors	Track	Room	Type
Mon - Nov 4th	10:45	<a href="#">Ahead-of-Time Compilation in OMR: Overview and First Steps</a>	Georgiy Krylov, Gerhard Dueck, Kenneth Kent, Daryl Maier and Irwin D'Souza	Compilers, Languages, Runtimes	Violet- Orchid	Position Paper
Mon - Nov 4th	10:45	<a href="#">Towards Continuous Surveillance and Personalized Medical Treatments in Precision Medicine through Digital Twins</a>	Luis F. Rivera, Miguel Jiménez, Prashanti Angara, Norha M. Villegas, Gabriel Tamura and Hausi A. Müller	Everything Data	Primrose	Position Paper

Date	Time	Title	Authors	Track	Room	Type
Mon - Nov 4th	10:45	<a href="#">Validation Process for Services Produced by Digital Transformation</a>	Rafael Fazzolino, Auri Marcelo Rizzo Vincenzi, Sara Silva, Leticia de Souza Santos, Rejane Maria da Costa Figueiredo, Cristiane Soares Ramos and Luiz Ribeiro	Systems & Innovations	Holly-Butternut	Experience Report
Mon - Nov 4th	10:45	<a href="#">Optimizing Serverless Computing: Introducing an Adaptive Function Placement Algorithm</a>	Nima Mahmoudi, Changyuan Lin, Hamzeh Khazaei and Marin Litoiu	Cloud Computing	Markham Ballroom A	Research Paper
Mon - Nov 4th	11:10	<a href="#">Interpreting financial time series with SHAP values</a>	Karim El Mokhtari, Ben Peachey Higdon and Ayşe Başar	Everything Data	Primrose	Position Paper
Mon - Nov 4th	11:10	<a href="#">SAT Solvers and Computer Algebra Systems: A Powerful Combination for Mathematics</a>	Curtis Bright, Ilias Kotsireas and Vijay Ganesh	Systems & Innovations	Holly-Butternut	Position Paper
Monday - Nov 4th	11:10	<a href="#">A Roadmap for Extending MicroJIT: a Lightweight Just-in-Time Compiler for Decreasing Startup Time</a>	Eric Coffin, Scott Young, Kenneth Kent and Marius Pirvu	Compilers, Languages, Runtimes	Violet-Orchid	Position Paper
Mon - Nov 4th	11:15	<a href="#">Decentralized Delivery Network of IoT Update Files Based on Ethereum Smart Contracts and Blockchain Technology.</a>	Mohammadsalar Arbabi and Mehdi Shajari	AI, Blockchain & Robotics	Markham Ballroom B	Research Paper
Mon - Nov 4th	11:15	<a href="#">Research Challenges in Query Processing and Data Analytics on the Edge</a>	Blesson Varghese, Suprio Ray, Bhavesh Gohil and Sergio Vega	Cloud Computing	Markham Ballroom A	Position Paper
Mon - Nov 4th	11:15	<a href="#">On the Distribution of Test Smells in Open Source Android Applications: An Exploratory Study.</a>	Anthony Peruma, Khalid Almalki, Christian Newman, Mohamed Wiem Mkaouer, Ali Ouni and Fabio Palomba	IoT, Mobile & Smart Cities	Elm1	Research Paper
Mon - Nov 4th	11:15	<a href="#">Using z14 Fused-Multiply-Add Instructions to Accelerate Elliptic Curve Cryptography.</a>	James You, Curtis d'Alves, Christopher K. Anand, Qi Zhang and Bill O'Farrell	Privacy & Security	Evergreen	Research Paper
Mon - Nov 4th	11:15	<a href="#">Ranking Co-change Candidates of Micro-Clones</a>	Manishankar Mondal, Banani Roy, Chanchal K. Roy and Kevin Schneider	Software Engineering	Jasmine	Research Paper
Mon - Nov 4th	11:45	<a href="#">Classification of Histopathological Biopsy Images Using Ensemble of Deep Learning Networks</a>	Sara Hosseinzadeh Kassani, Peyman Hosseinzadeh Kassani, Michal J. Wesolowski and Ralph Deters	AI, Blockchain & Robotics	Markham Ballroom B	Research Paper

Date	Time	Title	Authors	Track	Room	Type
Mon - Nov 4th	11:45	<a href="#">AndroVul: A Dataset of Security Vulnerabilities in Android Applications</a>	Zakeya Namrud, Sègla Kpodjedo and Chamseddine Talhi	Privacy & Security	Evergreen	Research Paper
Mon - Nov 4th	11:45	<a href="#">Behind The Scenes: Developers' Perception of Multi-language Practices</a>	Mouna Abidi, Manel Grichi and Foutse Khomh	Software Engineering	Jasmine	Research Paper
Mon - Nov 4th	13:00	<a href="#">Hazard Analysis of Interoperability Conformance Profiles - An Industrial Case Study in Healthcare</a>	Jens Weber and Oscar Costa	Privacy & Security	Evergreen	Research Paper
Mon - Nov 4th	13:30	<a href="#">CDCL(Crypto) SAT Solvers for Cryptanalysis</a>	Saeed Nejati and Vijay Ganesh	Privacy & Security	Evergreen	Position Paper
Mon - Nov 4th	15:45	<a href="#">Predicting Bug Report Fields Using Stack Traces and Categorical Attributes</a>	Korosh Sabor Koochekian, Abdelwahab Hamou-Lhadj, Abdelaziz Trabelsi and Jameleddine Hassine	Software Engineering	Jasmine	Research Paper
Mon - Nov 4th	16:15	<a href="#">A Proactive System to Allocate Virtual Machines in Clouds using Autoregression</a>	Jasmeet Singh, Marc St-Hilaire, Shikharesh Majumdar, Jordan Kurosky and Sibyl Weng	Cloud Computing	Markham Ballroom A	Experience Report
Mon - Nov 4th	16:30	<a href="#">A Fog Computing Framework for Autonomous Driving Assist: Architecture, Experiments, and Challenges</a>	Muthucumaru Maheswaran, Salman Memon and Tianzi Yang	AI, Blockchain & Robotics	Markham Ballroom B	Research Paper
Mon - Nov 4th	16:40	<a href="#">Dogfooding: use IBM Cloud services to monitor IBM Cloud infrastructure</a>	William Pourmajidi, Andriy Miranskyy, John Steinbacher, Tony Erwin and David Godwin	Cloud Computing	Markham Ballroom A	Experience Report
Tues - Nov 5th	10:45	<a href="#">State of Practices of Java Native Interface</a>	Manel Grichi, Mouna Abidi and Yann-Gaël Guéhéneuc	Compilers, Languages, Runtimes	Violet-Orchid	Research Paper
Tues - Nov 5th	10:45	<a href="#">A semi-automated Framework for Migrating Web applications from SQL to Document Oriented NoSQL Database</a>	Rahma Al Mahruqi, Manar Alalfi and Thomas Dean	Everything Data	Primrose	Research Paper
Tues - Nov 5th	10:45	<a href="#">Generative Adversarial Networks in Designing Electromagnetic Engineered Surfaces for mm-Wave Band Spectrum Environments</a>	Ozan Ozyegen, Emir Kavurmacioglu, Jonathan Ethier and Ayse Bener	IoT, Mobile & Smart Cities	Elm1	Research Paper

Date	Time	Title	Authors	Track	Room	Type
Tues - Nov 5th	10:45	<a href="#">Comparison of block-based and hybrid-based programming environments in transferring programming skills to text-based environment</a>	Hussein Alrubaye, Stephanie Ludi and Mohamed Wiem Mkaouer	Software Engineering	Jasmine	Research Paper
Tues - Nov 5th	11:15	<a href="#">Deep Learning Brain Regions in Harvard-Oxford Atlas using SegNet Model</a>	Abel Guimaraes, Tamer Abdou and Ayse Basar	AI, Blockchain & Robotics	Markham Ballroom B	Research Paper
Tues - Nov 5th	11:15	<a href="#">LL(k) Optimization of a Network Protocol Parser Generator</a>	Kyle Lavorato, Fahim Imam and Thomas Dean	Compilers, Languages, Runtimes	Violet-Orchid	Research Paper
Tues - Nov 5th	11:15	<a href="#">City on the River: Visualizing Temporal Collaboration</a>	Jessica Perrie, Maleknaz Nayebi, Jing Xie, Marios Fokaefs, Kelly Lyons and Eleni Stroulia	Everything Data	Primrose	Research Paper
Tues - Nov 5th	11:15	<a href="#">SolUnit: a Framework for Reducing Execution Time of Smart Contract Unit Tests</a>	Hallan Medeiros, Patrícia Vilain, John Mylopoulos and Hans-Arno Jacobsen	Software Engineering	Jasmine	Research Paper
Tues - Nov 5th	11:45	<a href="#">Pattern-based Transformation of SysML Models into Fault Tree Models</a>	Dorina Petriu and Bashar Al Shboul	AI, Blockchain & Robotics	Markham Ballroom B	Research Paper
Tues - Nov 5th	11:45	<a href="#">Detection of Feature Interaction in Dynamic Scripting Languages</a>	Omar Harthi, Manar Alalfi and Thomas Dean	Software Engineering	Jasmine	Research Paper
Tues - Nov 5th	15:45	<a href="#">An Unsupervised Feature Selection Approach for Effective Cyber-Physical Attack Detection and Identification</a>	Amir Namavar Jahromi, Jacob Sakhnini, Hadis Karimipour and Ali Dehghantanha	Privacy & Security	Evergreen	Research Paper
Tues - Nov 5th	16:15	<a href="#">Rule-based Security Management System for Data-Intensive Applications</a>	Yar Rouf, Joydeep Mukherjee, Marios Fokaefs, Mark Shtern, Justin Le and Marin Litoiu	Privacy & Security	Evergreen	Research Paper
Wed - Nov 6th	10:45	<a href="#">Predicting student performance using data from an Auto-grading system</a>	Huanyi Chen and Paul Ward	Everything Data	Primrose	Research Paper
Wed - Nov 6th	10:45	<a href="#">Investigating the Relationship between Evolutionary Coupling and Software Bug-proneness</a>	Manishankar Mondal, Banani Roy, Chanchal K. Roy and Kevin Schneider	IoT, Mobile & Smart Cities	Elm1	Research Paper

Date	Time	Title	Authors	Track	Room	Type
Wed - Nov 6th	11:15	<a href="#">Framework, Model and Tool Use in Higher Education Enterprise Architecture: An International Survey.</a>	Timothy Lethbridge and Aliaa Alghamdi	Everything Data	Primrose	Research Paper
Wed - Nov 6th	11:15	<a href="#">A Survey of Utilizing User-Reviews Posted on Google Play Store</a>	Ehsan Noei and Kelly Lyons	IoT, Mobile & Smart Cities	Elm1	Research Paper
Wed - Nov 6th	11:45	<a href="#">Analyzing and Visualizing the Canadian Research Landscape</a>	Victor Silva, Ashley Herman, Maryam Mirzaei, Elisa Du, Bowen Hu, Monica Sawchyn, Lianne Lefsrud, Joerg Sander and Eleni Stroulia	Everything Data	Primrose	Research Paper
Wed - Nov 6th	11:45	<a href="#">A Multi-Dimensional Quality Analysis of Android Applications</a>	Mohammadreza Rasolroveicy, Soude Ghari, Mahsa Hadian and Marios Fokaefs	IoT, Mobile & Smart Cities	Elm1	Research Paper

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Workshops at CASCON x EVOKE will provide a forum to present, discuss, and debate issues, problems, ideas, technology gaps, work-in-progress, and/or directions. The format of a workshop may include position papers, expert panels, hands-on exercises, and discussions. Long abstract is optional, but if provided for approved workshop before final content due date, it will be published in the CASCON x EVOKE Proceedings and will be stored in the ACM digital library. It should be between 1000 to 1500 words in ACM format, typically including the abstract, rationale, technical/research scope, organizers, workshop format, and expected outcomes written in PAST tense.

## Congratulations to the Workshop Chairs!

### Accepted Workshops

Thank you for your submissions. See you all at CASCON 2019.

Date	Time	Title	Chair	Track	Room
Monday Nov 4	13:00 - 14:45	<a href="#">Mining and Exploration of Attributed Graphs: Theory and Applications</a>	Mehdi Kargar, Morteza Zihayat and Jaroslaw Szlichta	Software Engineering	Jasmine
Monday Nov 4	13:00 - 14:45	<a href="#">14th Workshop on Challenges for Parallel Computing</a>	Wael Yehia, Hussain Kadhem and Jeremy Bradbury	Compilers, Languages, Runtimes	Violet & Orchid
Monday Nov 4	13:00 - 14:45	<a href="#">(Hands-On) How can OpenShift accelerate your Kubernetes adoption</a>	John Liu, Serjik Dikaleh, Erica Zhu, Ben Linzel, and Geoffrey Flores	Systems & Innovations	Holly & Butternut
Monday Nov 4	13:00 - 14:45	<a href="#">The 11th CASCON Workshop on Cloud Computing</a>	Marin Litoiu, Radu Mateescu and Joe Wigglesworth	Cloud Computing	Markham Ballroom A
Monday Nov 4	15:15 - 17:00	<a href="#">(Hands-On) Optimizing commute time with IBM Watson Studio</a>	Tereza Nedelescu, Derek Roy, and Tommy Cao	IoT, Mobile & Smart Cities	Elm1

Date	Time	Title	Chair	Track	Room
Monday Nov 4	15:15 - 17:00	<a href="#">(Hands-On) IBM Cognos Analytics - Unearth hidden insights with a personalized analytics experience driven by AI</a>	Dennis Buttera and Omar Khan	Everything Data	Primrose
Monday Nov 4	15:15 - 17:00	<a href="#">(Hands-On) NLP Hands-on Workshop Series Session 1: Extracting meaning from text using a notebook in Watson Studio</a>	Sarah Packowski and Ashley Zhao	Systems & Innovations	Holly & Butternut
Tuesday Nov 5	10:45 - 12:15	<a href="#">(Hands-On) NLP Hands-on Workshop Series Session 2: Creating a custom language model to optimize NLP results</a>	Sarah Packowski and Ashley Zhao	Systems & Innovations	Holly & Butternut
Tuesday Nov 5	10:45 - 14:45	<a href="#">(Hands-On) Build, Deploy, and Administer Microservices using Kubernetes and IBM Cloud API Management - Part 1</a> - 45 mins lunch break at 12:15 <a href="#">(Hands-On) Build, Deploy, and Administer Microservices using Kubernetes and IBM Cloud API Management - Part 2</a>	Eric Charpentier, Vince Yuen, Neil Delima, Jason Mah and Darren Pape	Privacy & Security	Evergreen
Tuesday Nov 5	10:45 - 17:00	<a href="#">Quantum Computing: Challenges and Opportunities - Part 1</a> - 45 mins lunch break at 12:15 <a href="#">Quantum Computing: Challenges and Opportunities - Part 2</a> - 30 mins afternoon break at 14:45 <a href="#">Quantum Computing: Challenges and Opportunities - Part 3</a>	Mehdi Bozzo-Rey, Hausi Muller and John Longbottom	Quantum Computing	Markham Ballroom C
Tuesday Nov 5	10:45 - 17:00	<a href="#">3rd Workshop on Advances in Open Runtime Technology for Cloud Computing - Part 1</a> - 45 mins lunch break at 12:15 <a href="#">3rd Workshop on Advances in Open Runtime Technology for Cloud Computing - Part 2</a> - 30 mins afternoon break at 14:45 <a href="#">3rd Workshop on Advances in Open Runtime Technology for Cloud Computing - Part 3</a>	Daryl Maier, Ken Kent and Xiaoli Liang	Cloud Computing	Markham Ballroom A
Tuesday Nov 5	11:15 - 14:45	<a href="#">(Hands-On) Sentiment Analysis using Watson Cloud Services - Part 1</a> - 45 mins lunch break at 12:15 <a href="#">(Hands-On) Sentiment Analysis using Watson Cloud Services - Part 2</a>	Harnoor Manan, Bailey Duncan and Andrew Jaramillo	IoT, Mobile & Smart Cities	Elm1

Date	Time	Title	Chair	Track	Room
Tuesday Nov 5	10:45 - 12:15	<a href="#">(Hands-On) Write scalable and extensible Node.js applications using LoopBack 4</a>	Janny Hou, Diana Lau, Dominique Emond and Agnes Lin	Software Engineering	Jasmine
Tuesday Nov 5	13:00 - 17:00	<a href="#">(Hands-On) Develop an image classification model with Watson Visual Recognition and Watson Studio - Part 1</a> - 30 mins afternoon break at 14:45 <a href="#">(Hands-On) Develop an image classification model with Watson Visual Recognition and Watson Studio - Part 2</a>	Imtihan Ahmed, Rachael House, Neil Delima and Li Luo	Systems & Innovations	Holly & Butternut
Tuesday Nov 5	14:00 - 17:00	<a href="#">(Hands-on) Workshop on Fast, Efficient &amp; Seriously Open Cloud-Native Java - Part 1</a> - 30 mins afternoon break at 14:45 <a href="#">(Hands-on) Workshop on Fast, Efficient &amp; Seriously Open Cloud-Native Java - Part 2</a>	Yee-Kang Chang, Patrick Tiu, Leo Christy Jesuraj, Alvin So, Gilbert Kwan and Eric Lau	Compilers, Languages, Runtimes	Violet & Orchid
Tuesday Nov 5	15:15 - 17:00	<a href="#">Blockchain, Hyperledger and Smart Contracts (Oh my!)</a>	Kelcey Gosserand and Jeremy Nilmeier	AI & Blockchain & Robotics	Markham Ballroom B
Tuesday Nov 5	15:15 - 17:00	<a href="#">Developing a Complete Watershed IOC Platform through Integrated Stakeholder Collaboration</a>	Lee Jackson, Atakan Erdem and Jennifer Collins	IoT, Mobile & Smart Cities	Elm1
Tuesday Nov 5	15:15 - 17:00	<a href="#">Barriers to Data Science Adoption: Why Existing Frameworks aren't Working</a>	Rohan Alexander, Kelly Lyons, Michelle Alexopoulos and Lisa Austin	Everything Data	Primrose
Wednesday Nov 6	10:45 - 17:00	<a href="#">(Hands-On) Distributed Software Health and Quality Metrics with Blockchains - Part 1</a> - 45 mins lunch break at 12:15 <a href="#">(Hands-On) Distributed Software Health and Quality Metrics with Blockchains - Part 2</a> - 30 mins afternoon break at 14:45 <a href="#">(Hands-On) Distributed Software Health and Quality Metrics with Blockchains - Part 3</a>	Omar Badreddin, Abel O. Gomez Rivera, Adeel Malik	AI & Blockchain & Robotics	Markham Ballroom B
Wednesday Nov 6	10:45 - 12:15	<a href="#">(Hands-On) How to Enable Your Mission Critical Applications on Db2 on Cloud</a>	Francis Wong, Pandu Mutyala, Joyce Coleman, Kaya Gangesan, Hua Lu and Hilden Andrew	Privacy & Security	Evergreen



Date	Time	Title	Chair	Track	Room
Wednesday Nov 6	10:45 - 17:00	<a href="#">(Hands-On) Two functional MDDs for the Price of One - Part 1</a> - 45 mins lunch break at 12:15 <a href="#">(Hands-On) Two functional MDDs for the Price of One - Part 2</a> - 30 mins afternoon break at 14:45 <a href="#">(Hands-On) Two functional MDDs for the Price of One - Part 3</a>	Curtis d'Alves, Christopher Schankula, Nhan Thai, Padma Pasupathi, Nasim Khoonkari, Habib Ghaffari Hadigheh and Christopher K. Anand	Software Engineering	Jasmine
Wednesday Nov 6	10:45 - 17:00	<a href="#">Compiler-Driven Performance Workshop - Part 1</a> - 45 mins lunch break at 12:15 <a href="#">Compiler-Driven Performance Workshop - Part 2</a> - 30 mins afternoon break at 14:45 <a href="#">Compiler-Driven Performance Workshop - Part 3</a>	Clark Verbrugge, J. Nelson Amaral, Reid Copeland and Whitney T. Tsang	Compilers, Languages, Runtimes	Violet & Orchid
Wednesday Nov 6	10:45 - 17:00	<a href="#">(Hands-On) Quantum Computing with IBM Q Experience and Qiskit - Part 1</a> - 45 mins lunch break at 12:15 <a href="#">(Hands-On) Quantum Computing with IBM Q Experience and Qiskit - Part 2</a> - 30 mins afternoon break at 14:45 <a href="#">(Hands-On) Quantum Computing with IBM Q Experience and Qiskit - Part 3</a>	Mehdi Bozzo-Rey, Hausi Muller	Quantum Computing	Markham Ballroom C
Wednesday Nov 6	10:45 - 12:15	<a href="#">(Hands-On) Easy. Microservices Application Development with Eclipse Codewind</a>	Elson Yuen, Jingfu Wang, Maysun Faisal, Rajiv Senthilnathan and Steven Hung	Systems & Innovations	Holly & Butternut
Wednesday Nov 6	13:00 - 14:45	<a href="#">Kubernetes Security and Access Management</a>	Chris Felix, Serjik Dikaleh and Hitesh Garg	Privacy & Security	Evergreen
Wednesday Nov 6	13:00 - 17:00	<a href="#">(Hands-On) A Tutorial on Deep Learning for Object and Pattern Recognition - Part 1</a> - 30 mins afternoon break at 14:45 <a href="#">(Hands-On) A Tutorial on Deep Learning for Object and Pattern Recognition - Part 2</a>	Farhana Zulkernine, Haruna Isah, Sazia Mahfuz, Mohammed Gasmallah, Jason Lam and Shahzad Khan	IoT, Mobile & Smart Cities	Elm1
Wednesday Nov 6	13:00 - 17:00	<a href="#">Workshop on Risk Analytics and Artificial Intelligence in Finance - Part 1</a> - 30 mins afternoon break at 14:45 <a href="#">Workshop on Risk Analytics and Artificial Intelligence in Finance - Part 2</a>	Oleksandr Romanko and Alex Kreinin	Everything Data	Primrose

Date	Time	Title	Chair	Track	Room
Wednesday Nov 6	13:00 - 14:45	<a href="#">(Hands-On) Deploy cloud-native microservices into Kubernetes using curated application stacks</a>	Arthur De Magalhaes, Leo Jesuraj, Michael Glavassevich, Navid Shakibapour and Artur Dzmitryieu	Systems & Innovations	Holly + Butternut
Wednesday Nov 6	13:00 - 17:00	<a href="#">Taming Services for IBM Cloud - Part 1</a> - 30 mins afternoon break at 14:45 <a href="#">Taming Services for IBM Cloud - Part 2</a>	Ahmed Ibrahim, John Steinbacher and Nazim Madhavji	Cloud Computing	Markham Ballroom A
Wednesday Nov 6	15:15 - 17:00	<a href="#">Fourth Annual Workshop on Data-Driven Knowledge Mobilization</a>	Ehsan Noei, Kelly Lyons, Eleni Stroulia and Periklis Andritsos	Systems & Innovations	Holly + Butternut

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The Expo at CASCON x EVOKE 2019 will provide an excellent opportunity to highlight your research results and generate interest in upcoming product and product areas. Exhibits on emerging technologies are encouraged. The format of an exhibit may be a demonstration or poster presentation. An exhibit booth is provided at no cost to the exhibitors. Each exhibit booth will be set up with power and wireless internet access. Exhibitors are responsible for bringing the necessary equipment such as machines, laptops, monitors, power cables, and security locks; and any printed materials including posters.

Note: Exhibit chairs and speakers will be responsible for printing and providing any handouts or poster materials

## Congratulations to the Exhibitors!

### Accepted Exhibits

Thank you for your submissions. See you all at CASCON 2019.

Date	Booth	Title	Exhibitors
<a href="#">Monday Expo</a>			
Monday Nov 4	B1	<a href="#">Intelligent Execution Logs and Performance Metrics Analytics for Predicting Future Run-time Issues</a>	Guoliang Zhao and Ying Zou
Monday Nov 4	B2	<a href="#">REST APIs with LoopBack 4 and OpenAPI 3</a>	Janny Hou, Dominique Emond, Agnes Lin and Diana Lau
Monday Nov 4	B3	<a href="#">Finding Bad Guys</a>	Douglas Plaxton
Monday Nov 4	B4	<a href="#">Enabling Smart Data: Leveraging Latent Label Distributions for Data Validation and Noise Detection</a>	Mona Nashaat, Aindrila Basak, James Miller and Shaikh Quader
Monday Nov 4	B5	<a href="#">AOT Compilation in OMR: Relocations API</a>	Georgiy Krylov, Gerhard Dueck, Daryl Maier and Kenneth Kent



Date	Booth	Title	Exhibitors
Monday Nov 4	B6	<a href="#">A road map for decreasing startup time in OpenJ9 with a template-based JIT</a>	Eric Coffin, Scott Young, Kenneth Kent and Marius Pirvu
Monday Nov 4	B7	<a href="#">Create and Test APIs locally on laptop with API Connect</a>	Ivy Ho, Franck Delporte, Swetha Sridharan, Jisoo Lee, Ibrahim Manjra, Candy Ng, Peter El-Koreh, and Amir Jafarian
Monday Nov 4	B8	<a href="#">Privacy-Compliant Data Collection using Blockchains</a>	Alaeddine Chouchane, Kaiwen Zhang and Chamseddine Talhi
Monday Nov 4	B9	<a href="#">Detection of phishing kit traffic</a>	Qian Cui, Guy-Vincent Jourdan, Gregor Bochmann and Iosif-Viorel Onut
Monday Nov 4	B10	<a href="#">Context Based Evaluation of Dimensionality Reduction Algorithms - Experiments and Statistical Significance Analysis</a>	Aindrila Basak, Mona Nashaat, James Miller and Shaikh Quader
Monday Nov 4	B11	<a href="#">An Ahead-of-Time Compilation Pipeline for a Simple Smalltalk Virtual Machine in Eclipse OMR</a>	Mark Thom, Gerhard Dueck, Kenneth Kent and Daryl Maier
Monday Nov 4	B12	<a href="#">Defining and relocating static symbols in OMR JitBuilder</a>	Petar Jelenkovic, Kenneth Kent, Gerhard Dueck and Daryl Maier
Monday Nov 4	B13	<a href="#">Computational Impact Analysis of Node.js Parallelization Modules under Scalability Tests</a>	Jacob Baird, Maria Patrou, Kenneth B. Kent and Michael Dawson
Monday Nov 4	B14	<a href="#">Investigating Postmortem debugging tools for Node.js Applications</a>	Anil Hitang, Maria Patrou, Kenneth B. Kent and Michael Dawson
Monday Nov 4	B15	<a href="#">Building AArch64 Support for Eclipse OpenJ9 and Eclipse OMR</a>	Aaron G. Graham, Jean-Philippe Legault, Hillary J. Soontiens, Michael Flawn, Md. Mahbubur Rahman, Kenneth B. Kent, Daryl Maier and Kazuhiro Konno
Monday Nov 4	B16	<a href="#">Classification of Tabular data via Neural Networks</a>	Xingchi Wang, Omar Al-Shamali, Aindrila Basak, James Miller and Shaikh Quader
Monday Nov 4	B17	<a href="#">Victim or Attacker? A Multi-dataset Domain Classification of Phishing Attacks</a>	Sophie Le Page and Guy-Vincent Jourdan
Monday Nov 4	B18	<a href="#">Variability aware analysis of C++ code</a>	Ryan Shukla and Sarah Nadi
Monday Nov 4	B19	<a href="#">Dogfooding: use IBM Cloud services to monitor IBM Cloud infrastructure</a>	William Pourmajidi, Lei Zhang, Mohammad Islam, Tony Erwin, John Steinbacher, David Godwin, Jeremy Brumer, Steve Woolf and Andriy Miranskyy
Monday Nov 4	B20	<a href="#">GALO: Guided automated learning for query workload re-optimization</a>	Alexandar Mihaylov, Spencer Bryson, Jaroslaw Szlichta, Parke Godfrey, Vincent Corvinnelli, Calisto Zuzarte, Piotr Mierzejewski and Guilherme Damasio
Monday Nov 4	B21	<a href="#">Towards Continuous Monitoring in Personalized Healthcare through Digital Twins</a>	Luis F. Rivera, Norha M. Villegas and Hausi A. Müller
Monday Nov 4	B22	<a href="#">Smoothing Paths using Temporal Video Object Detectors</a>	Mohammed Gasmallah, Francois Rivest and Farhana Zulkernine
Monday Nov 4	B23	<a href="#">Predicting Reasonable Notice Awards on Termination of Employment Using Deep Learning</a>	Jason Lam, Samuel Dahan and Farhana Zulkernine

Date	Booth	Title	Exhibitors
Monday Nov 4	B24	<a href="#">Failure Scenarios in Kubernetes Enabled Voice Gateway</a>	Samridhi Samridhi, Md Al Maruf, Ramiro Liscano, Akramul Azim, Yee-Kang Chang and Brian Puilto
Monday Nov 4	B25	<a href="#">Sustainable Watershed Integrated Management (SWIM): A data collaboration platform to enable Integrated Watershed Management</a>	Lee Jackson, Atakan Erdem, Jennifer Collins and Monica Sawchyn
<a href="#">Tuesday Expo</a>			
Tuesday Nov 5	B1	<a href="#">Executable modeling framework applied over existing domain applications and business rules</a>	Dimiris Lyras and Nikolaos Rassias
Tuesday Nov 5	B2	<a href="#">Taint-Things: An Automated Approach for Privacy Leakage Identification in IoT Apps</a>	Bara Nazzal, Florian Schmeidl and Manar Alalfi
Tuesday Nov 5	B3	<a href="#">XDock: A Cross-Platform Tool for Continuous Development</a>	Jean-Philippe Legault, Aaron G. Graham, Kenneth B. Kent and Daryl Maier
Tuesday Nov 5	B4	<a href="#">Design Guidelines to Overcome Continuous Development Adoption Challenges</a>	Trevor Rae, Colin Werner and Daniela Damian
Tuesday Nov 5	B5	<a href="#">Detecting Misuses of Crypto APIs</a>	Kristen Newbury, Karim Ali and Andrew Craik
Tuesday Nov 5	B6	<a href="#">Smart Cache in Database Systems: A Predictive Self Learning Method</a>	Omar El Zarif
Tuesday Nov 5	B7	<a href="#">Towards Optimized Scaling in JavaScript Simulations</a>	Maria Patrou, Kenneth Kent and Dane Sheppard
Tuesday Nov 5	B8	<a href="#">Easy Cloud-Native Development with Eclipse Codewind</a>	Elson Yuen, John Collier and Sakib Hasan
Tuesday Nov 5	B9	<a href="#">OpenJ9: Improved Performance with Value-Types in Java</a>	Babneet Singh
Tuesday Nov 5	B10	<a href="#">Watson Assistant Dialog Visualization &amp; Auto-Generation</a>	Amal Khalil
Tuesday Nov 5	B11	<a href="#">An Analysis of the Scale of the "Game Hack" Scam</a>	Emad Badawi, Guy-Vincent Jourdan, Gregor Bochmann and Iosif-Viorel Onut
Tuesday Nov 5	B12	<a href="#">A Comparative Analysis of Microservice Extraction Techniques</a>	Lisa Kirby, Yee-Kang Chang, Cindy High and Julia Rubin
Tuesday Nov 5	B13	<a href="#">ChYP - Check Your Privilege in IoT Apps</a>	Atheer Abu Zaid, Manar Alalfi and Ali Miri
Tuesday Nov 5	B14	<a href="#">A Mutation Framework for Evaluating Security Analysis tools in IoT Applications</a>	Sajeda Parveen and Manar H. Alalfi
Tuesday Nov 5	B15	<a href="#">Efficient Compiler-Driven Pointer Compression</a>	Qionsgi Wu and Gennady Pekhimenko
Tuesday Nov 5	B16	<a href="#">A Model-based Middleware for Continuous Software Evolution at Run-time</a>	Miguel Jimenez, Gabriel Tamura, Hausi A. Müller, Joe Wigglesworth and Ian Watts
Tuesday Nov 5	B17	<a href="#">Integration of Top-k publish/subscribe in Real-Time Bidding</a>	Sonia Slimani and Kaiwen Zhang
Tuesday Nov 5	B18	<a href="#">Balancing performance, security and cost tradeoffs of Blockchain in IoT applications: A comparative study</a>	Mohammadreza Rasolroveicy and Marios Fokaefs

Date	Booth	Title	Exhibitors
Tuesday Nov 5	B19	<a href="#">Evolving Java for Non-Volatile Memory</a>	Ifaz Kabir and Karim Ali
Tuesday Nov 5	B20	<a href="#">Acceleration Opportunities in General-Purpose Linear Algebra Applications via Polyhedral Analysis and Eigenization</a>	João Carvalho, J Nelson Amaral, and Guido Araujo
Tuesday Nov 5	B21	<a href="#">Accelerating Python Code Using JitBuilder</a>	Dayton Allen, David Bremner, Mark Stoodley and Daryl Maier
Tuesday Nov 5	B22	<a href="#">Susereum: A Blockchain Based Reward Structure for Sustainable Software</a>	Omar Badreddin, Abel O. Gomez Rivera, Adeel Malik
Tuesday Nov 5	B23	<a href="#">finsm.io - A User-Friendly Framework For Creating and Testing Finite State Machines</a>	Christopher Schankula and Lucas Dutton
Tuesday Nov 5	B24	<a href="#">Continuous Optimization Model for Instruction Scheduling</a>	Curtis D'Alves, Christopher Anand, Robert Enenkel, Bill O'Farrell and Wolfram Kahl
Tuesday Nov 5	B25	<a href="#">A Technique for Finding Optimal Program Launch Parameters Targeting Manycore Accelerators</a>	Alexander Brandt, Marc Moreno Maza, Lin-Xiao Wang and Jeeva Paudel
<a href="#">Wednesday Expo</a>			
Wednesday Nov 6	B1	<a href="#">Auto-scaler as a Service for Private/Public Cloud Deployments</a>	Yar Rouf, Joydeep Mukherjee, Marin Litoiu, Joe Wigglesworth and Radu Mateescu
Wednesday Nov 6	B2	<a href="#">Optimizing JIT-As-A-Service with Global Code Caching and Prefetching</a>	Alexey Khrabrov, Arnamoy Bhattacharyya, Eyal de Lara, Marius Pirvu and Vijay Sundaresan
Wednesday Nov 6	B3	<a href="#">Machine Learning based optimization for database workloads</a>	Shaikh Quader, Sumona Mukhopadhyay, Marin Litoiu, Manos Papagelis, Ming-Pang Wei and Andres Rojas
Wednesday Nov 6	B4	<a href="#">LLVM Analysis to select optimal loop unroll factor</a>	Prithayan Barua, Jun Shirako, Whitney Tsang, Bardia Mahjour, Ettore Tiotto, Wang Chen and Vivek Sarkar
Wednesday Nov 6	B5	<a href="#">AI for Enabling Efficient V2V and V2I Data Communication</a>	Priyanka Trivedi and Farhana Zulkernine
Wednesday Nov 6	B6	<a href="#">An Enterprise Answering System for Collaborative Question Answering Platforms</a>	Morteza Zihayat and Ebrahim Bagheri
Wednesday Nov 6	B7	<a href="#">Data Profiling for Storage Optimization using IBM Streaming Analytics</a>	Sazia Mahfuz, Farhana Zulkernine and Pete Nicholls
Wednesday Nov 6	B8	<a href="#">Neonatal Motion Detection and Classification from Pressure Sensitive Mat and RGB-D Video</a>	Yasmina Souley Dosso, Samreen Aziz, Shermeen Nizami, Naman Sethi, Joe Samuel, Kim Greenwood, Joann Harrold, Randy Giffen and James Green
Wednesday Nov 6	B9	<a href="#">Internet-of-Things solutions for Smart Campuses: A comparative study of clustering techniques</a>	Mahsa Hadian and Marios Fokaefs
Wednesday Nov 6	B10	<a href="#">Analysis-Driven Function Inlining</a>	Spencer Killen, Erick Ochoa, Andrew Craik and Karim Ali
Wednesday Nov 6	B11	<a href="#">Detecting Semantic Similarities in Software Requirements</a>	Tamer Abdou, Ozan Ozyegen, Ayse Bener and Stella Liu
Wednesday Nov 6	B12	<a href="#">OMPSan: Static Verification of OpenMP's Data Mapping Constructs</a>	Prithayan Barua, Jun Shirako, Whitney Tsang, Jeeva Paudel, Wang Chen and Vivek Sarkar

Date	Booth	Title	Exhibitors
Wednesday Nov 6	B13	<a href="#">Test APIs without writing a single line of code</a>	Ivy Ho and Swetha Sridharan
Wednesday Nov 6	B14	<a href="#">Virtual Machines migration detection on cloud infrastructures</a>	Sunil Kumar, Miguel Jiménez and Hausi Müller
Wednesday Nov 6	B15	<a href="#">Regression Testing Selection for Microservice-based Applications</a>	Yonghan Zhou, Chi Zhang, Manil Asija, Nick Ivanov, Phil Coulthard and Julia Rubin
Wednesday Nov 6	B16	<a href="#">Quantum Problem Solving and Algorithm Design on the IBM Q Platform</a>	Prashanti Angara, Hausi A. Muller, Ulrike Stege, John Longbottom and Mehdi Bozzo-Rey
Wednesday Nov 6	B17	<a href="#">Towards a Web-Based Secured Natural Language Query Platform</a>	Chantal Montgomery, Ftoon Kedwan and Farhana Zulkernine
Wednesday Nov 6	B18	<a href="#">Bike to the Future: Gaming with Java Microservices</a>	Yee-Kang Chang and Eveline Cai
Wednesday Nov 6	B19	<a href="#">Efficient Memory Footprint Reduction for Java Performance</a>	Alexandra Tsvetkova, Bojian Zheng and Gennady Pekhimenko
Wednesday Nov 6	B20	<a href="#">Runtime Automatic Parallelization of JVM and OMR applications</a>	Akihiro Hayashi, Gita Koblents, Kazuaki Ishizaki, Jimmy Kwa and Vivek Sarkar
Wednesday Nov 6	B21	<a href="#">Leveraging Solution Catalogues for Designing Enterprise Cognitive Systems</a>	Zia Babar, Eric Yu, Yazan Obeidi, Sebastian Carbajales and Allen Chan
Wednesday Nov 6	B22	<a href="#">Shortcomings in the current state of promoter classification using frameworks from machine learning</a>	Raul Ivan Perez Martell and Ulrike Stege
Wednesday Nov 6	B23	<a href="#">DeepSmith - Deep Learning Application for Fuzzing Java Compilers</a>	Shelley Lambert and Igor Braga
Wednesday Nov 6	B24	<a href="#">Planning Analytics - A new era of agile planning and exploratory analytics</a>	Dennis Buttera and Omar Khan
Wednesday Nov 6	B25	<a href="#">Automatic Event Categorizer</a>	S M Mozammel Hossain, Adam Frank, Scott Dubreuil, Guy-Vincent Jourdan, Herna Viktor and Mohamed Ibrahim

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Presented by



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Our Team



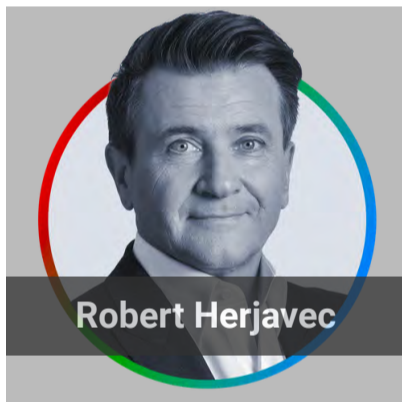
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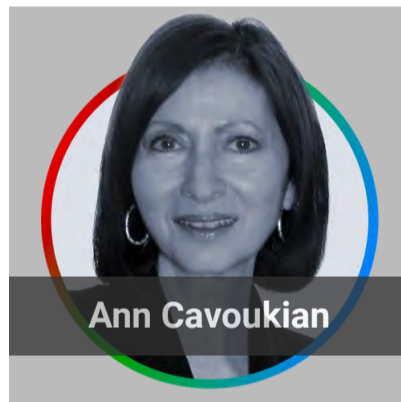
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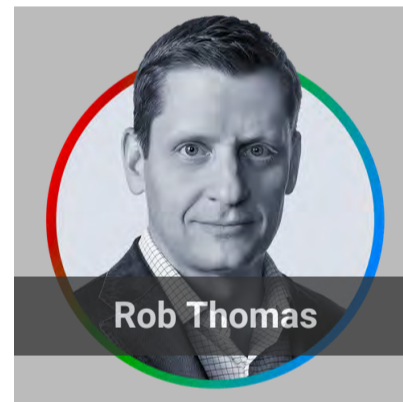
## Keynote Speakers



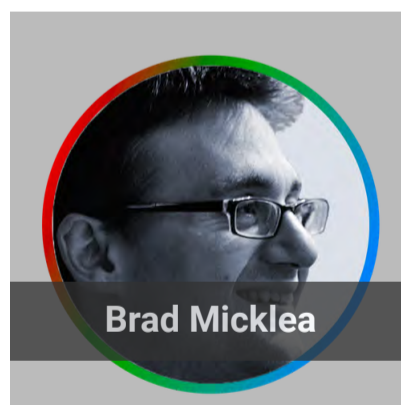
Robert Herjavec



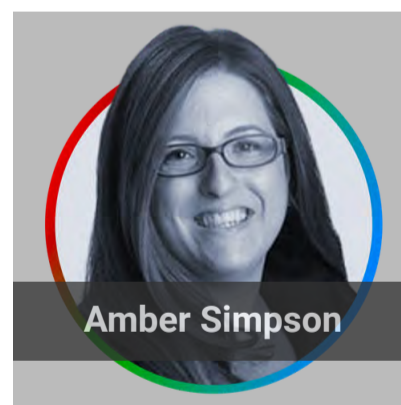
Ann Cavoukian



Rob Thomas

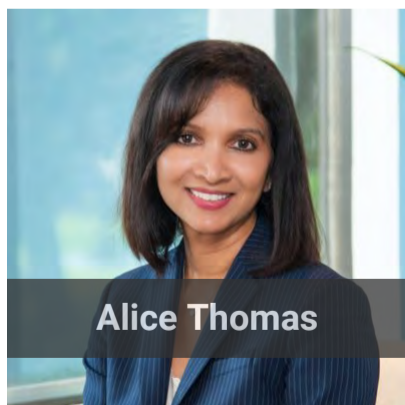
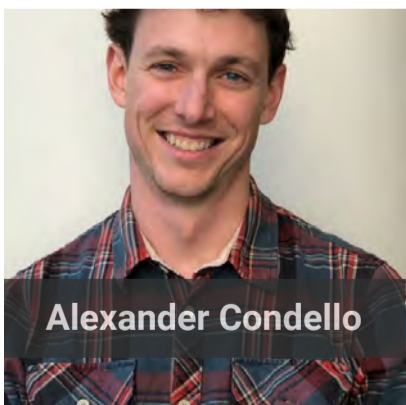
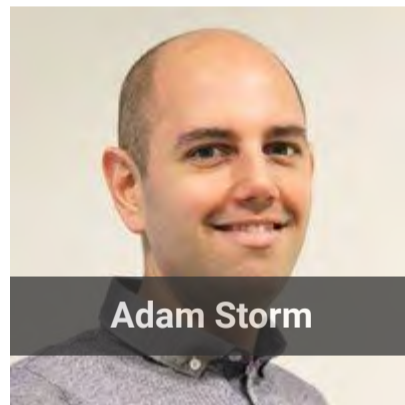
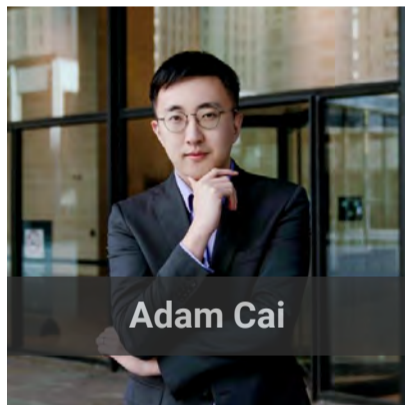
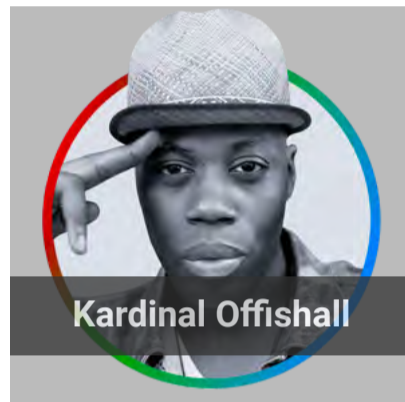
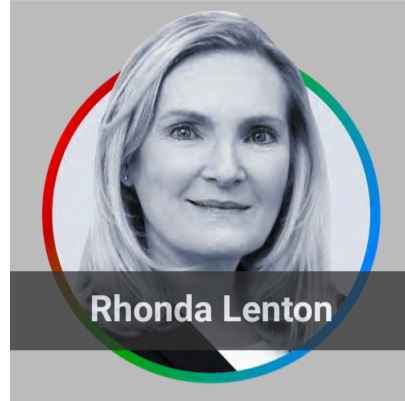
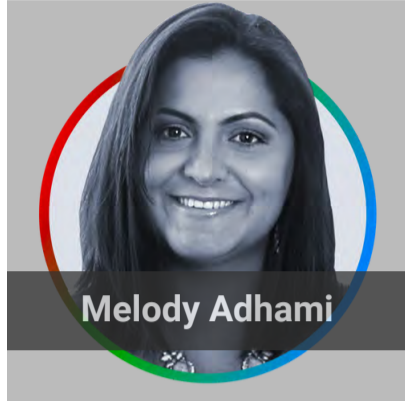
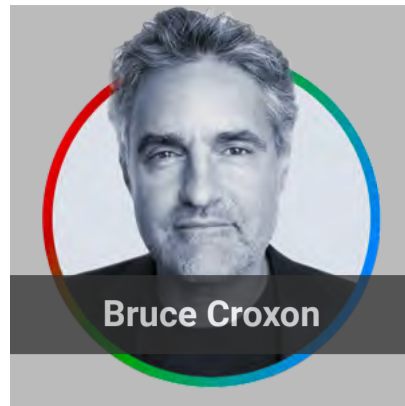
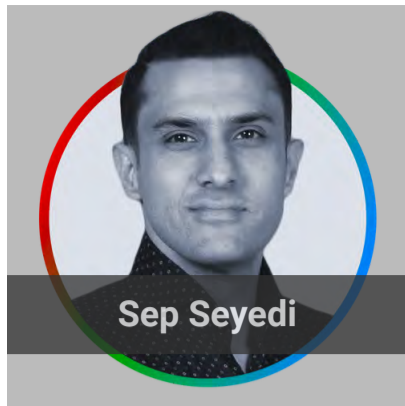


Brad Micklea

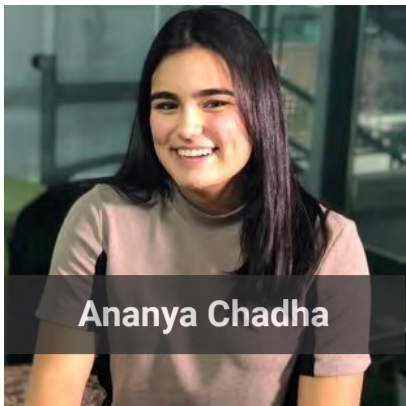


Amber Simpson

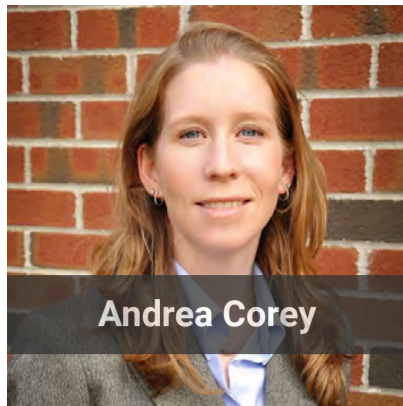
## Speakers



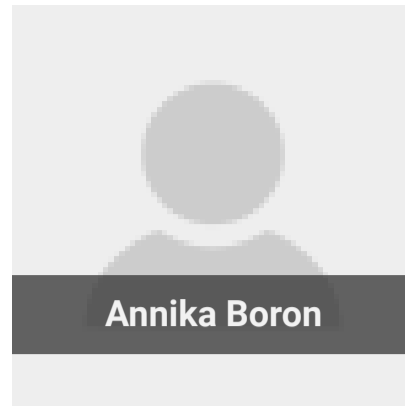




Ananya Chadha



Andrea Corey



Annika Boron



Anil Somayaji



Anu Bidani



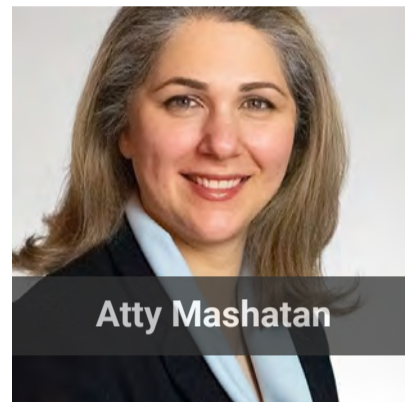
Armughan Ahmad



Arnav Shah



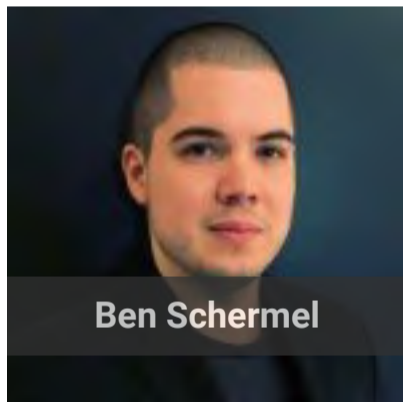
Arthur Yeung



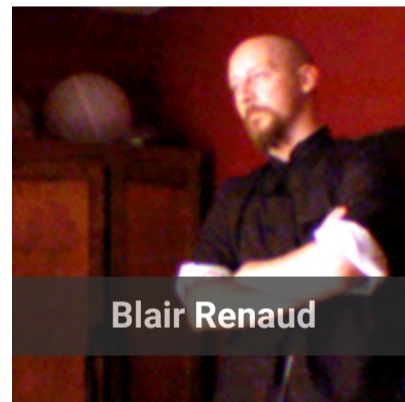
Atty Mashatan



Audrey Nesbitt



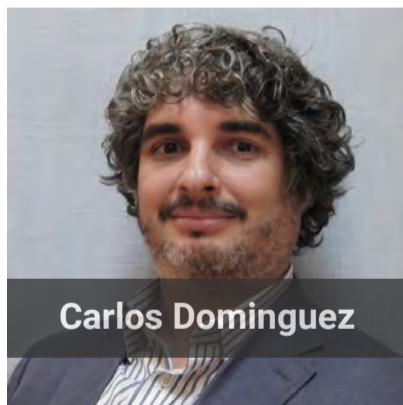
Ben Schermel



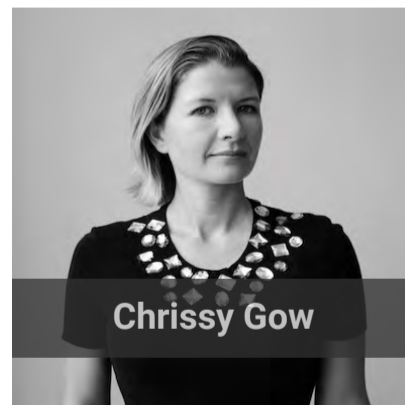
Blair Renaud



Caitlin Cooke



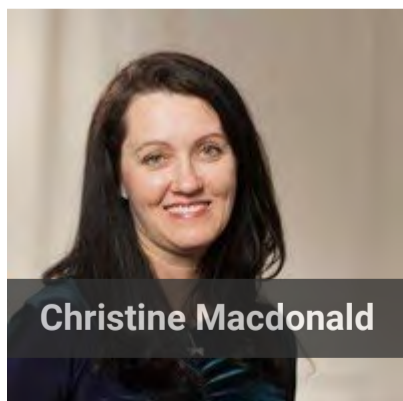
Carlos Dominguez



Chrissy Gow



Christian Hurst

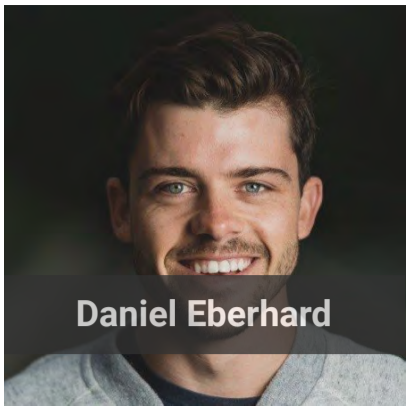


Christine Macdonald

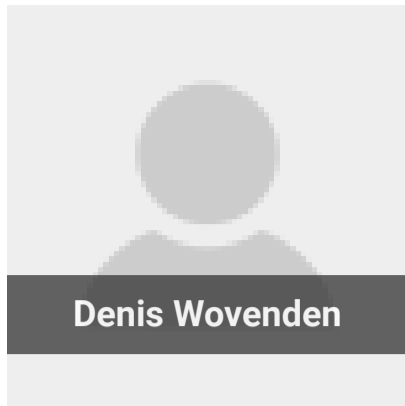


Dan Dickinson

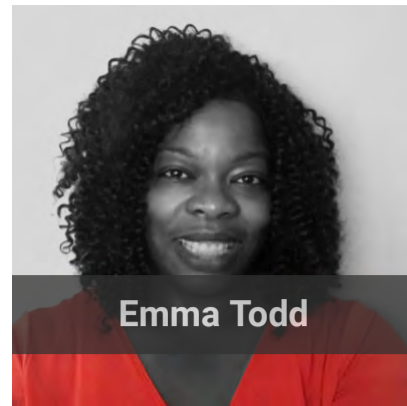




Daniel Eberhard



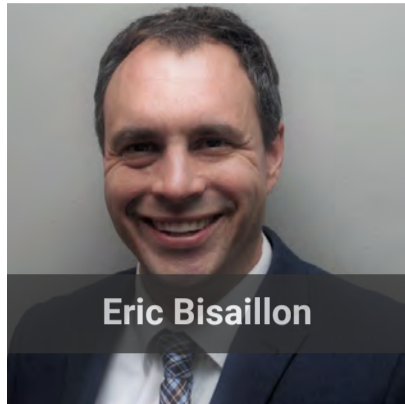
Denis Wovenden



Emma Todd



Eric Blenkarn



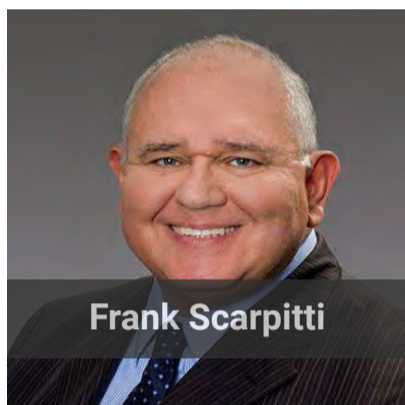
Eric Bisailon



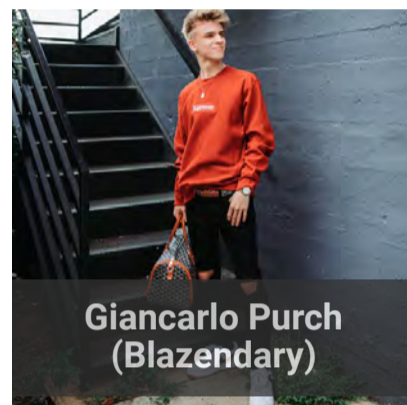
Fatema Pirone



Felix Paquin-Brien



Frank Scarpitti



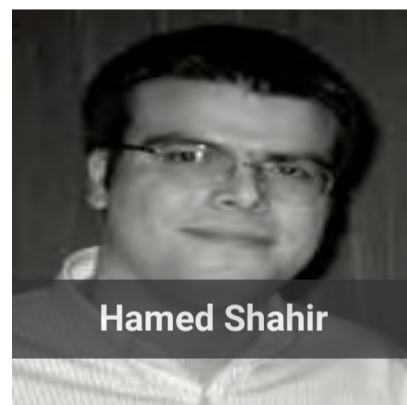
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(Blazendary)



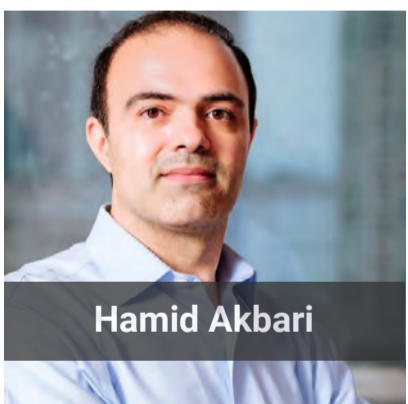
Gracelyn Shi



Graeme Moore



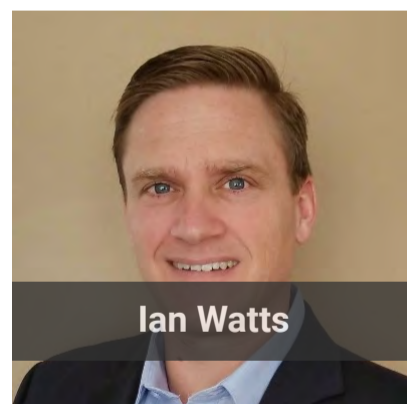
Hamed Shahir



Hamid Akbari



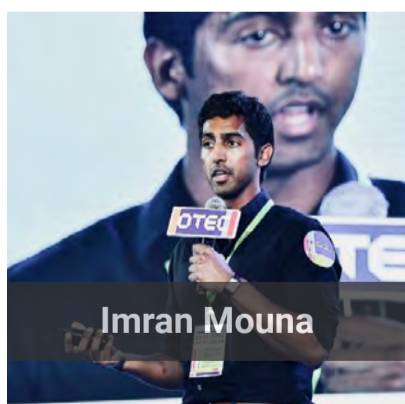
Iain Lewis



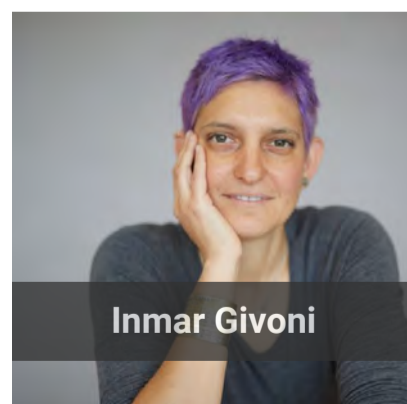
Ian Watts



Ikjot Saini



Imran Mouna



Inmar Givoni

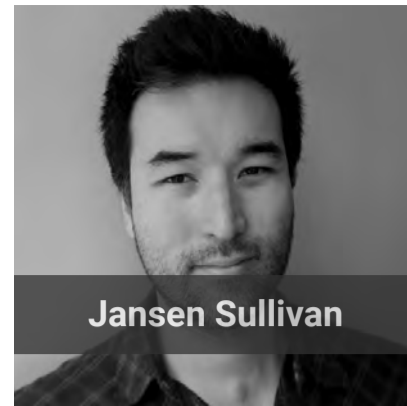




Irene Katzela



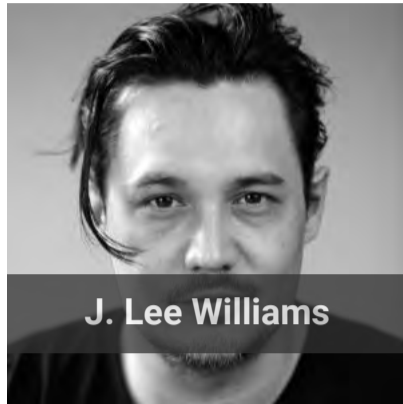
James Mulvey



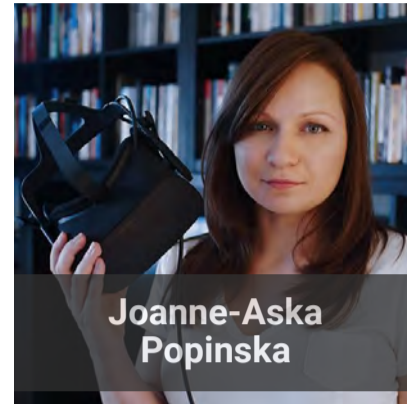
Jansen Sullivan



Jeff Zakrewski



J. Lee Williams



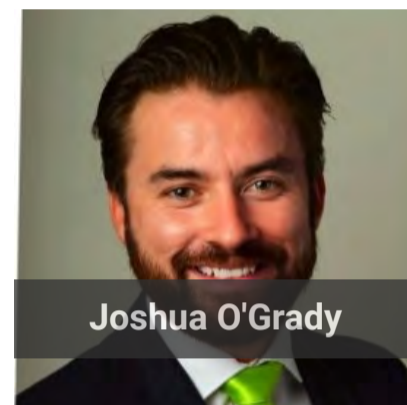
Joanne-Aska  
Popinska



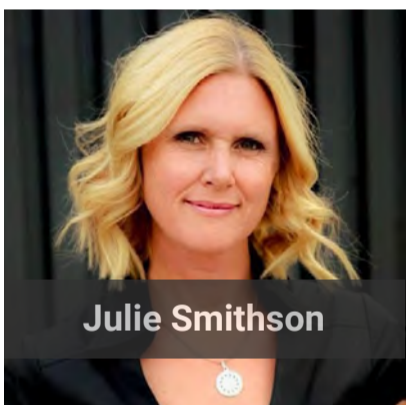
Joey Mach



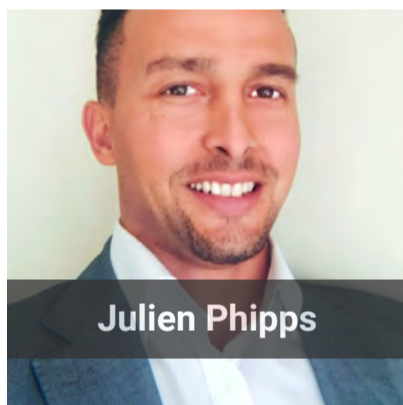
John Sully



Joshua O'Grady



Julie Smithson



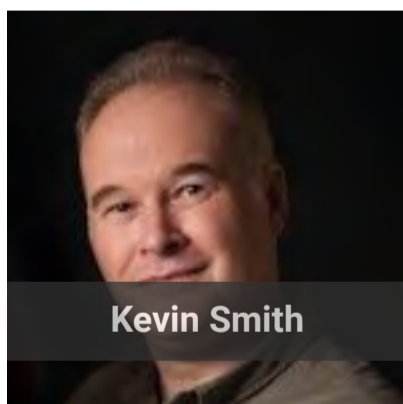
Julien Phipps



Karthik Balakrishnan



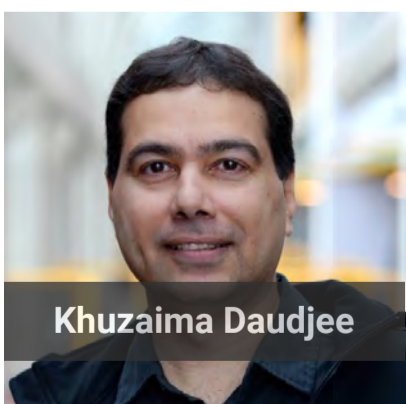
Kevin McLaughlin



Kevin Smith



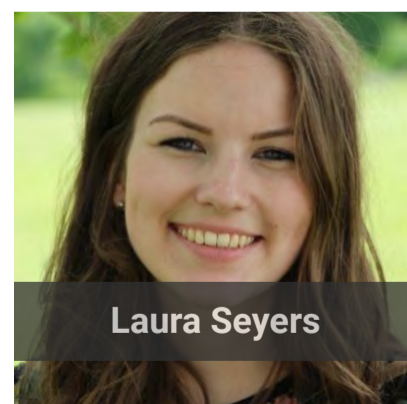
Kevin Sutter



Khuzaima Daudjee



Kit Barton

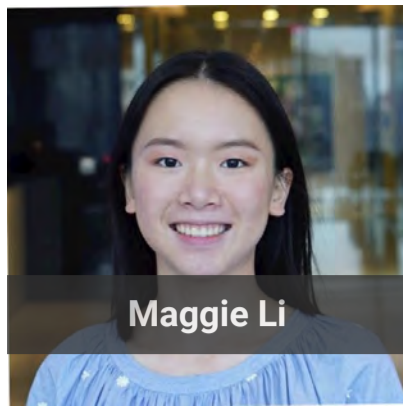


Laura Seyers

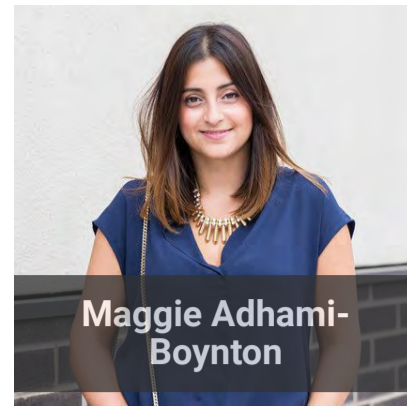




Lionel Briand



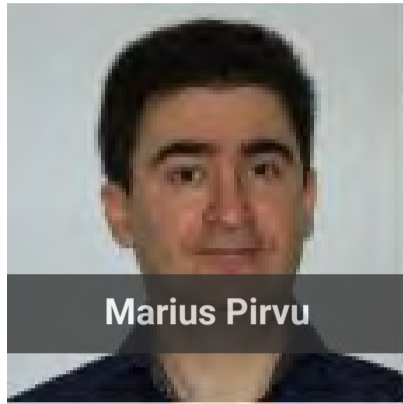
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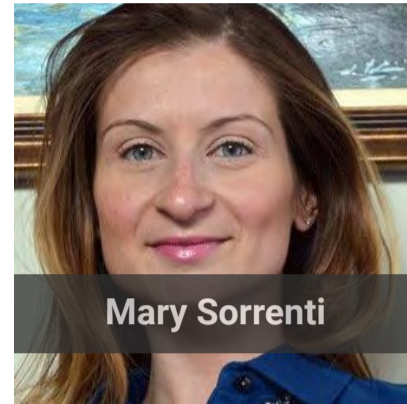
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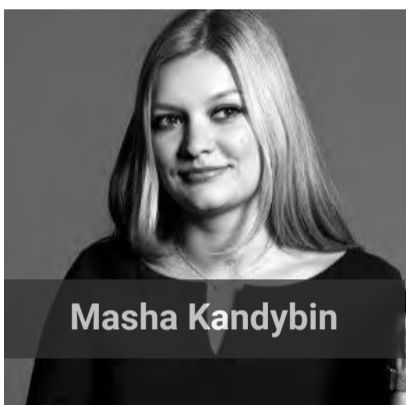
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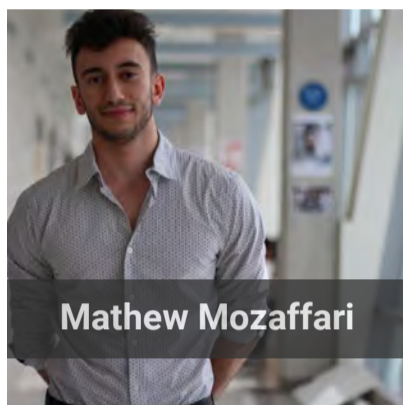
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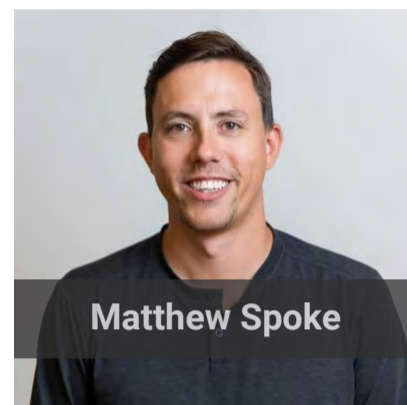
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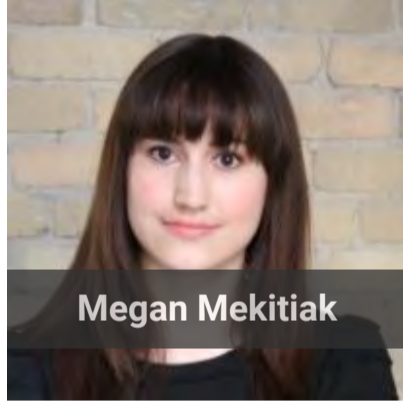
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Matthew Spoke



Matthew Tenney



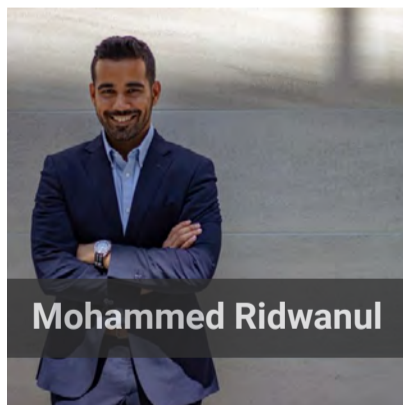
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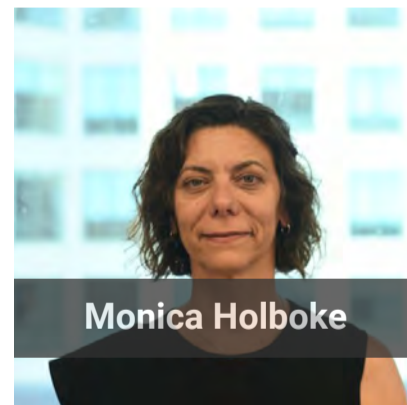
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Mohamed EL KANDRI



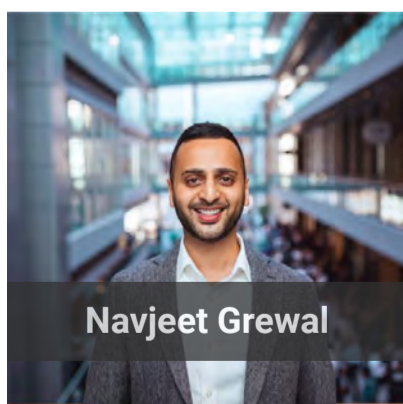
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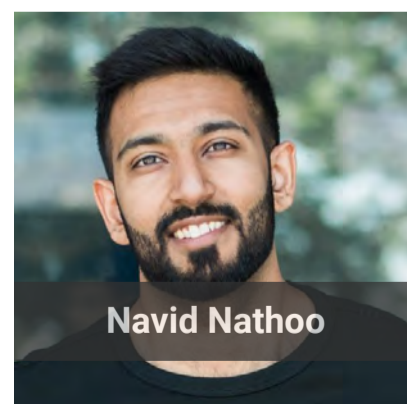
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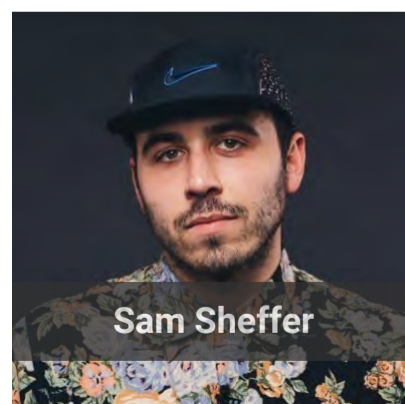
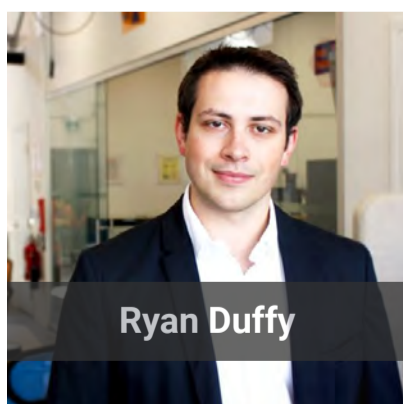
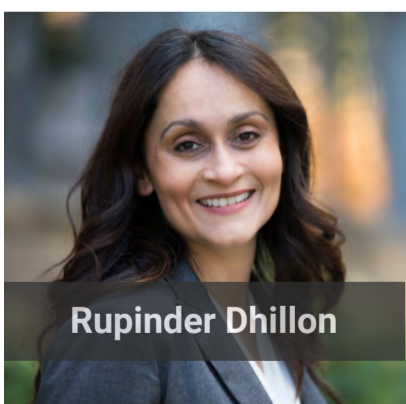
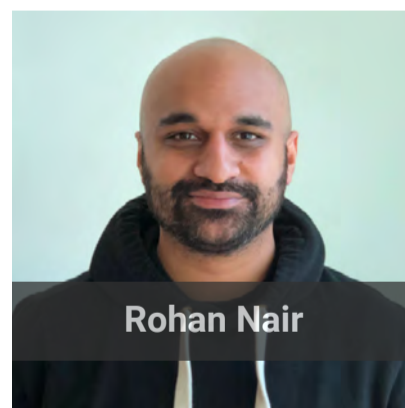
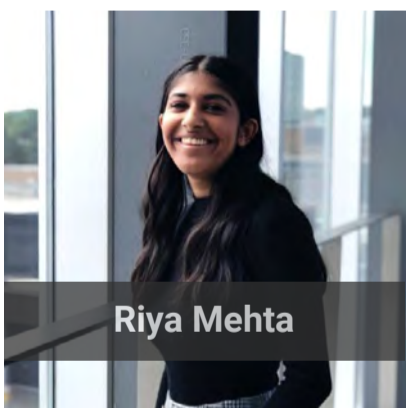
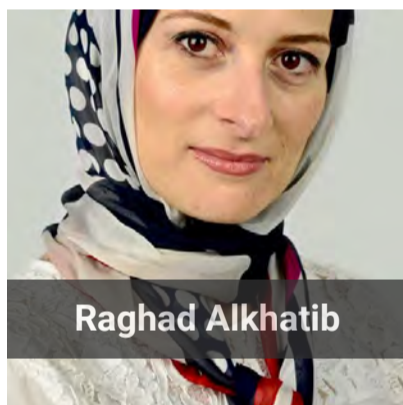
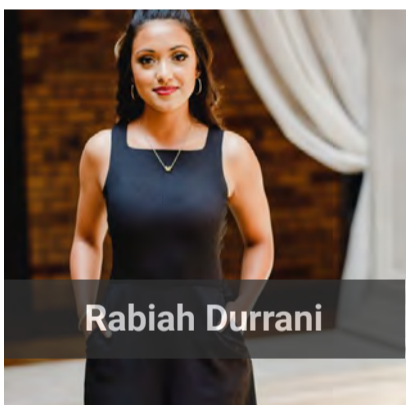
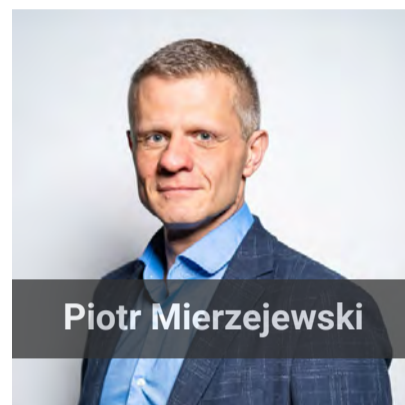
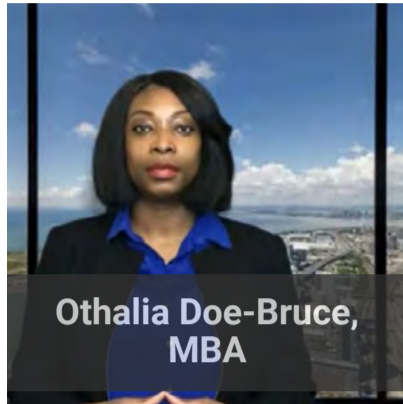
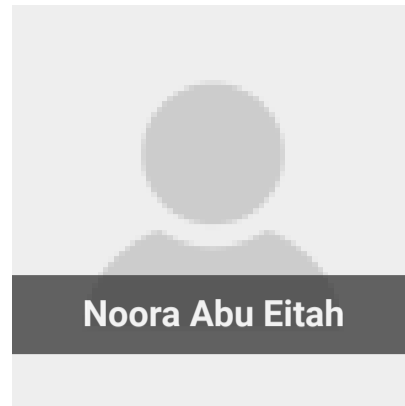


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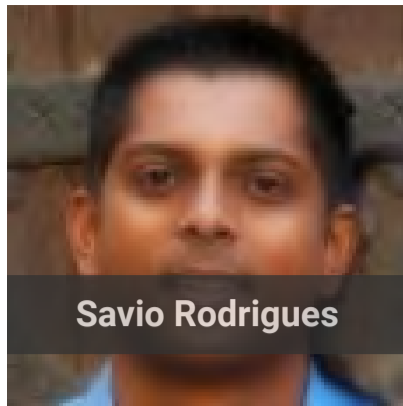




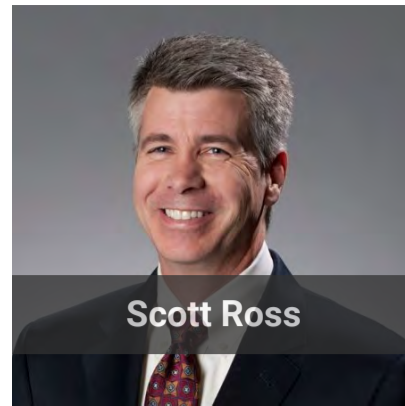




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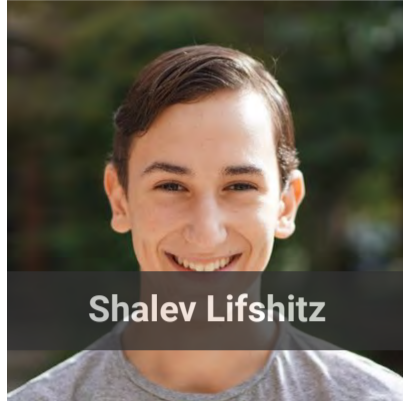
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Scott Ross



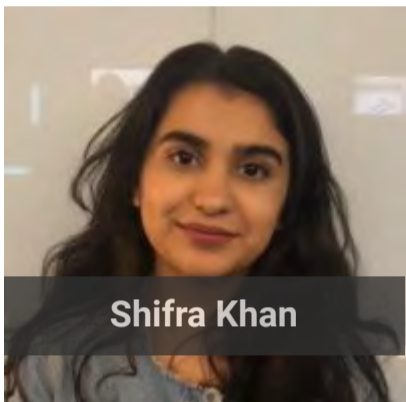
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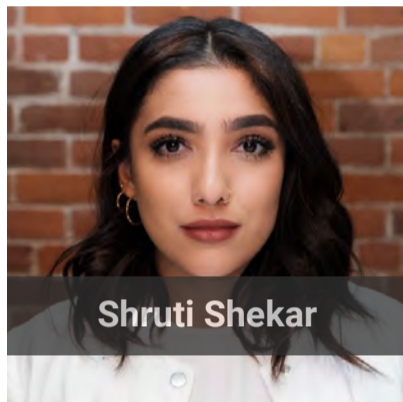
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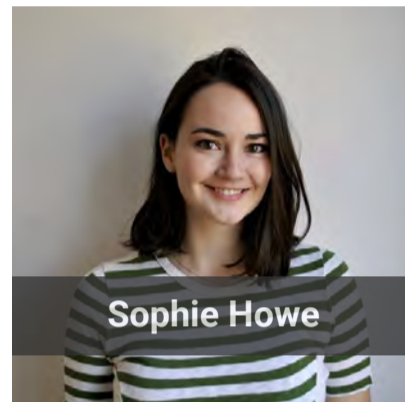
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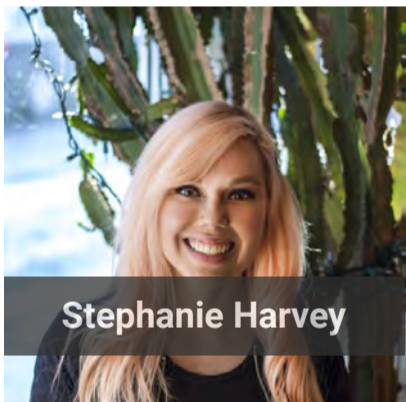
Shifra Khan



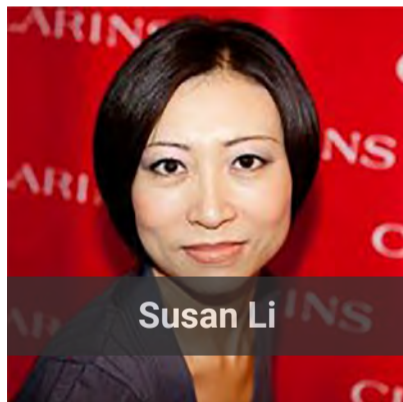
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Sophie Howe



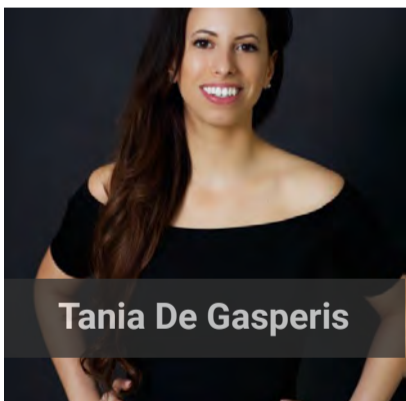
Stephanie Harvey



Susan Li



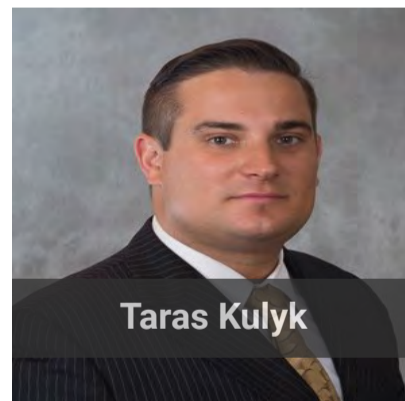
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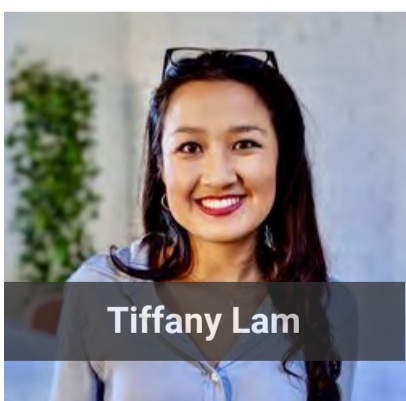
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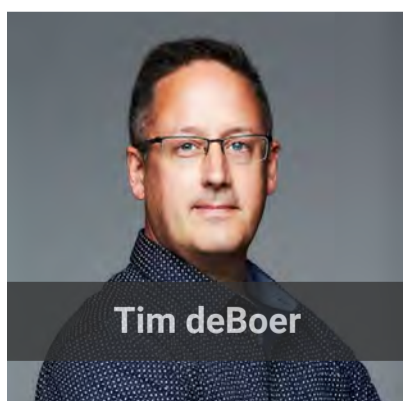
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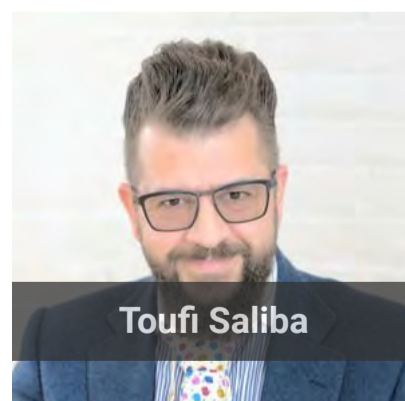
Taras Kulyk



Tiffany Lam

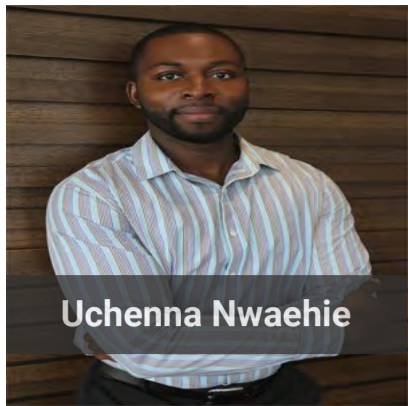


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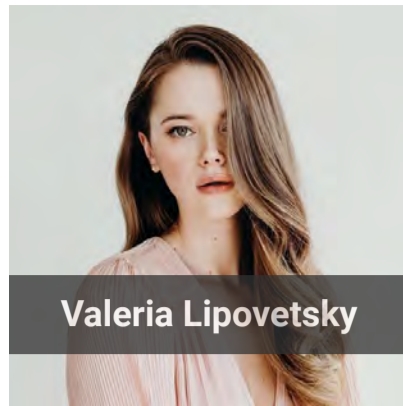


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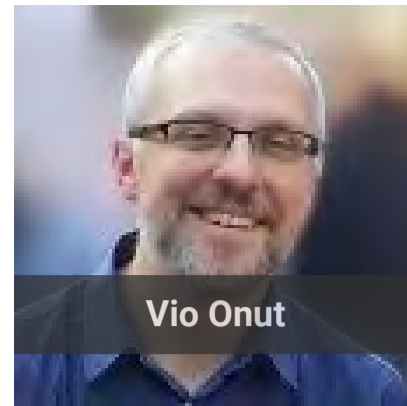




Uchenna Nwaehie



Valeria Lipovetsky



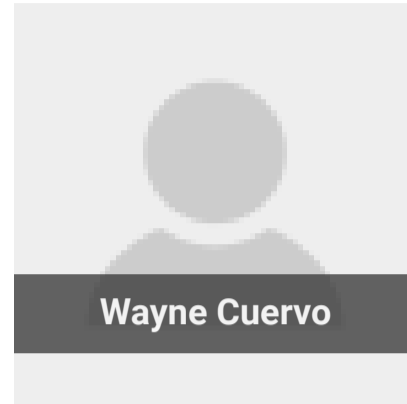
Vio Onut



Walid Rjaibi



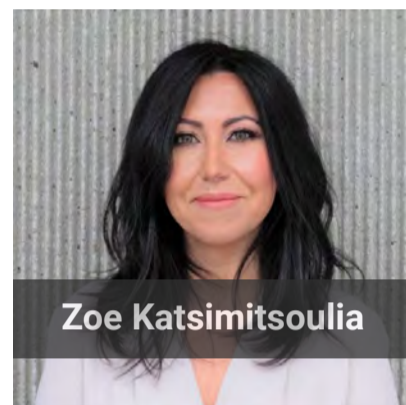
Wang Chen



Wayne Cuervo

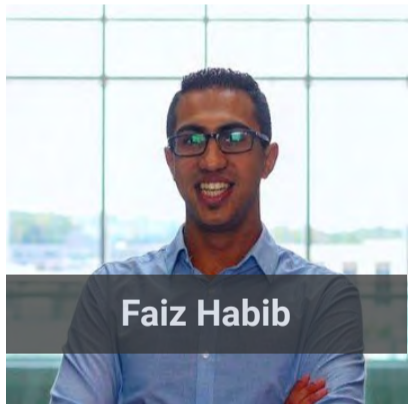


Sylvain Laporte



Zoe Katsimitsoulia

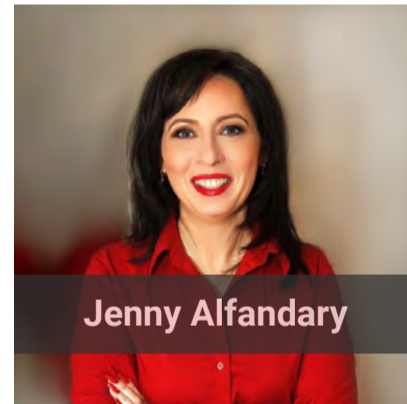
## Panel Discussion Moderators



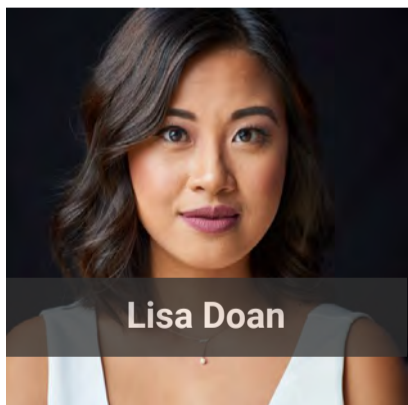
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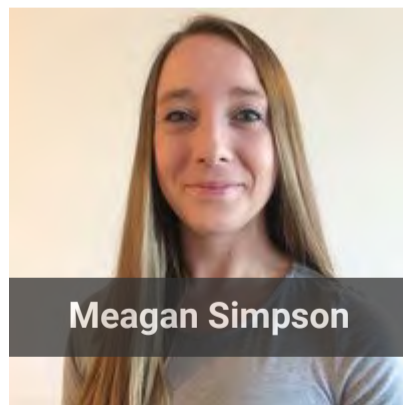
JD Methot



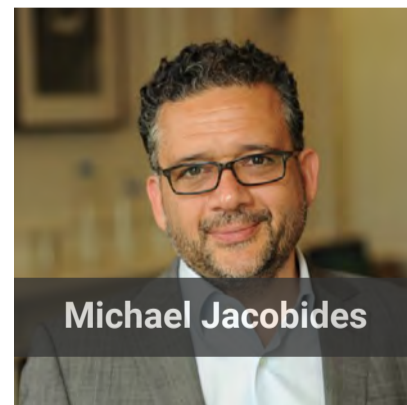
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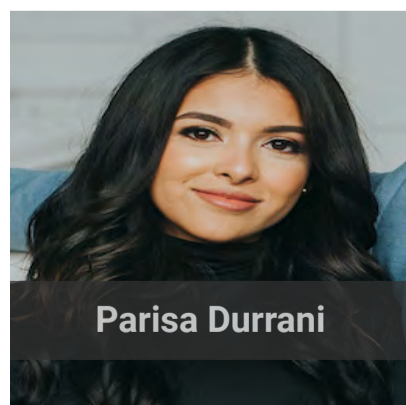
Lisa Doan



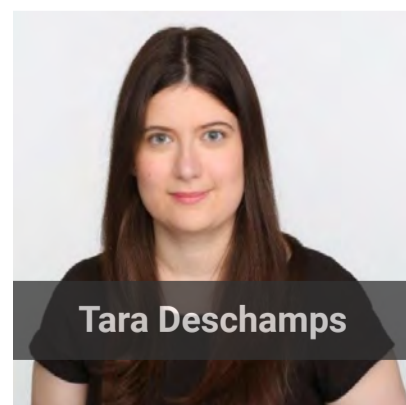
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Michael Jacobides



Parisa Durrani

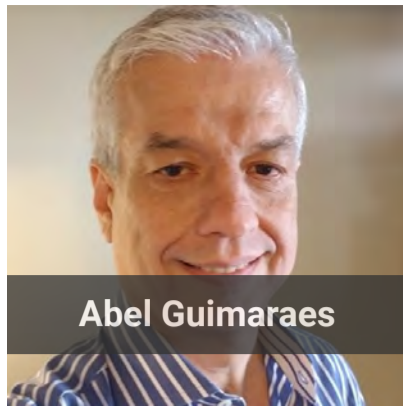


Tara Deschamps

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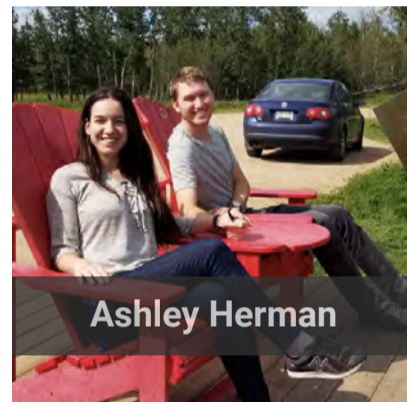
**Amir Jahromi**



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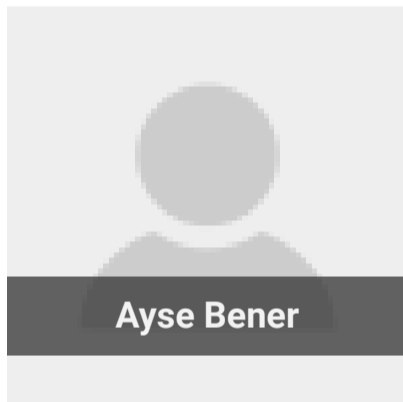
**Anthony Peruma**



**Ashley Herman**



**Auri Vincenzi**



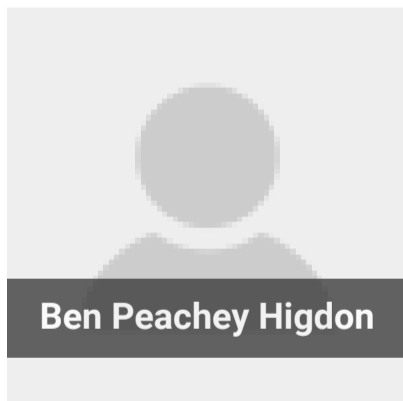
**Ayse Bener**



**Banani Roy**



**Bashar Al shboul**



**Ben Peachey Higdon**



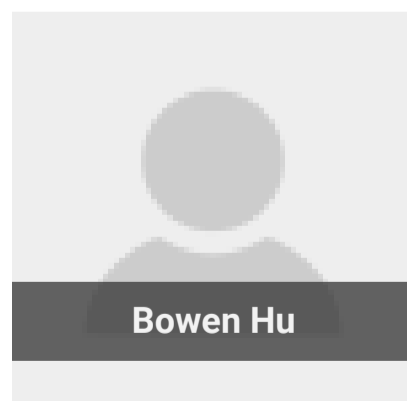
**Bhavesh Gohil**



**Bill O'Farrell**



**Blesson Varghese**



**Bowen Hu**





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**Chanchal Roy**



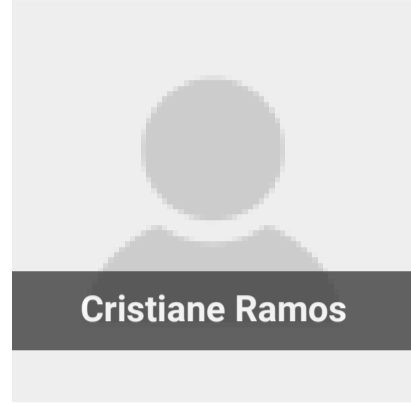
**Changyuan Lin**



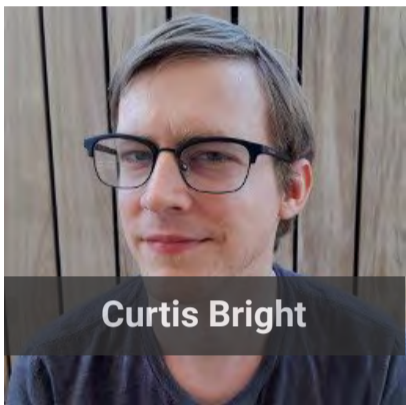
**Christian Newman**



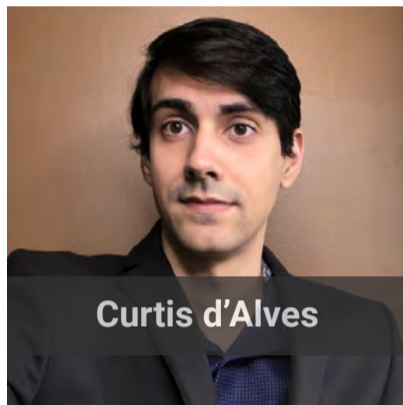
**Christopher K. Anand**



**Cristiane Ramos**



**Curtis Bright**



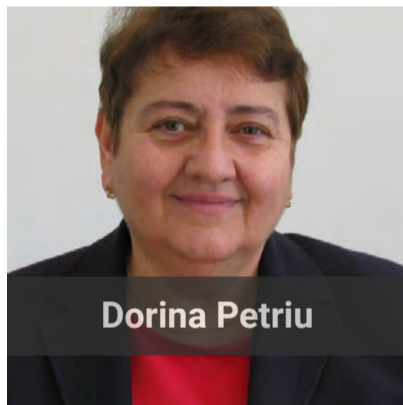
**Curtis d'Alves**



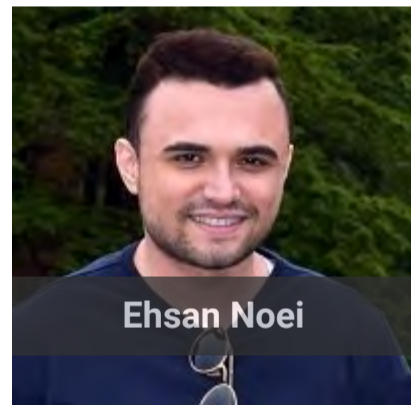
**Daryl Maier**



**David Godwin**



**Dorina Petriu**



**Ehsan Noei**



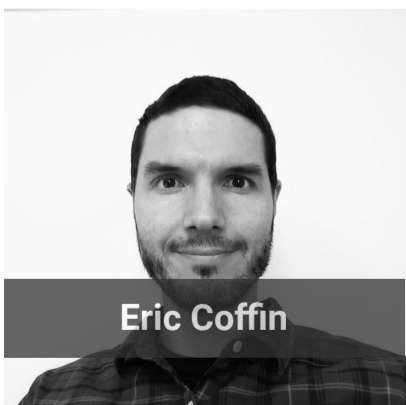
**Eleni Stroulia**



**Elisa Du**



**Emir Kavurmacioglu**



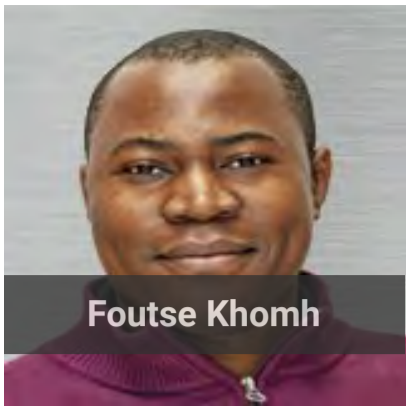
**Eric Coffin**



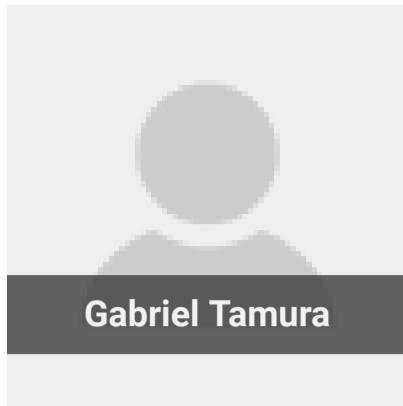
**Fabio Palomba**



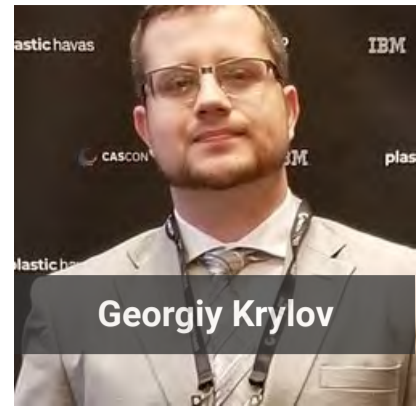
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**Foutse Khomh**



**Gabriel Tamura**



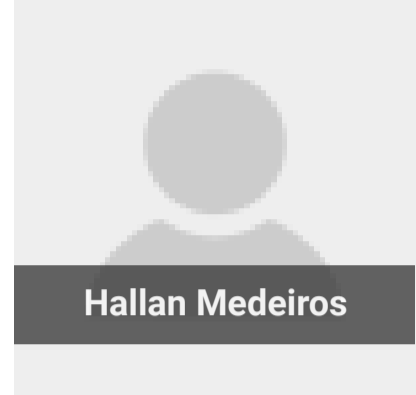
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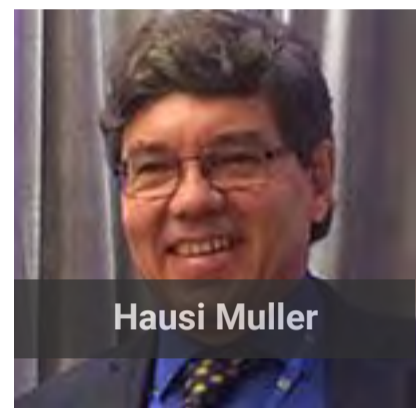
**Hallan Medeiros**



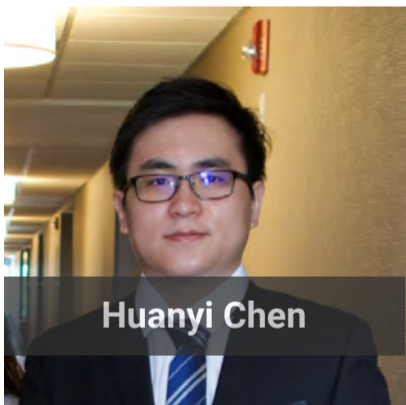
**Hamzeh Khazaei**



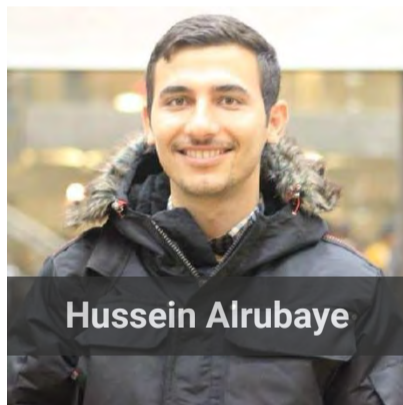
**Hans Arno Jacobsen**



**Hausi Muller**



**Huanyi Chen**



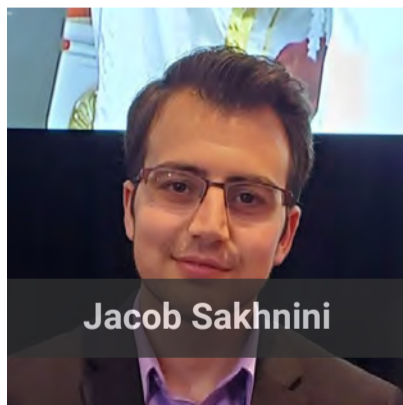
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**Ilias Kotsireas**



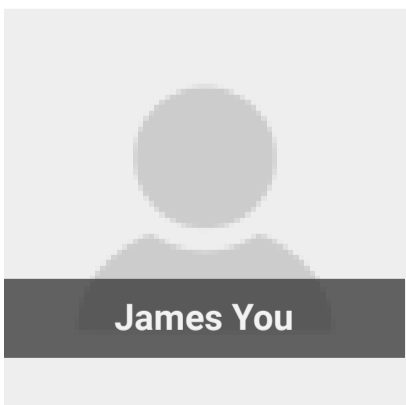
**Irwin D'Souza**



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**James You**

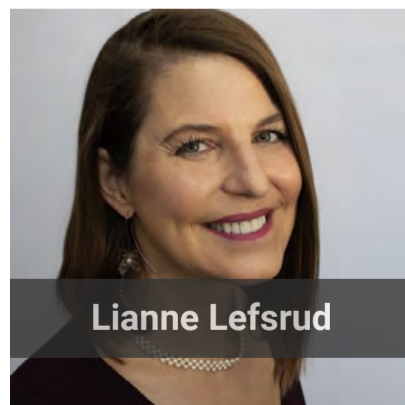
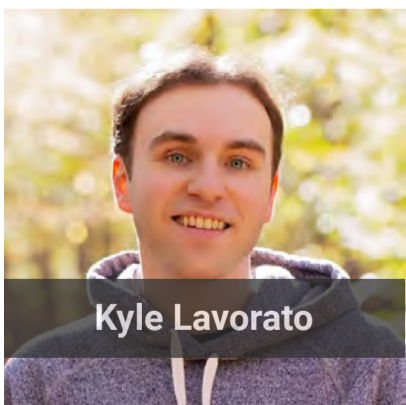
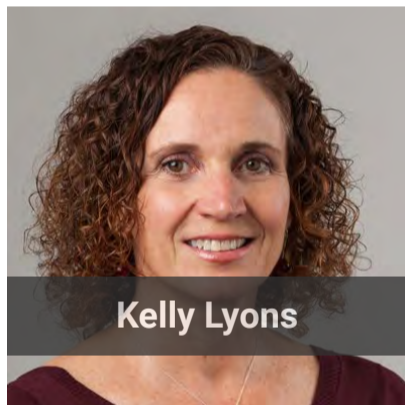
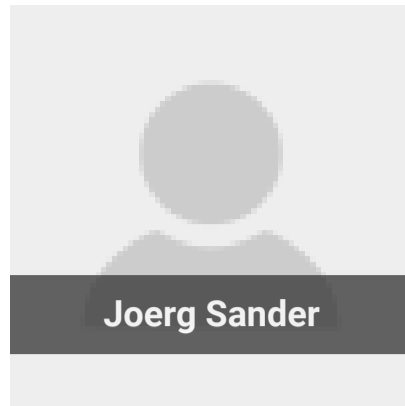


**Jasmeet Singh**



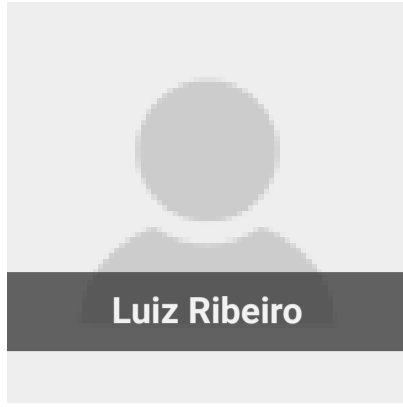
**Jens Weber**







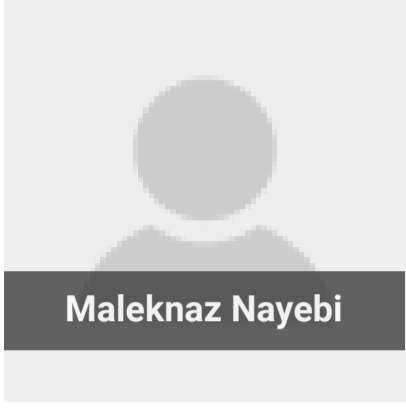
Luis F. Rivera



Luiz Ribeiro



Mahsa Hadian



Maleknaz Nayebi



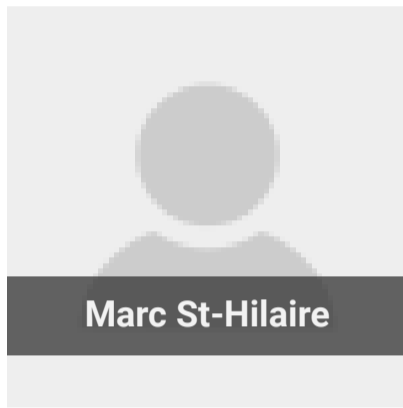
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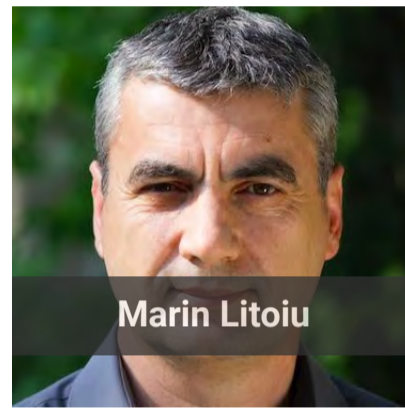
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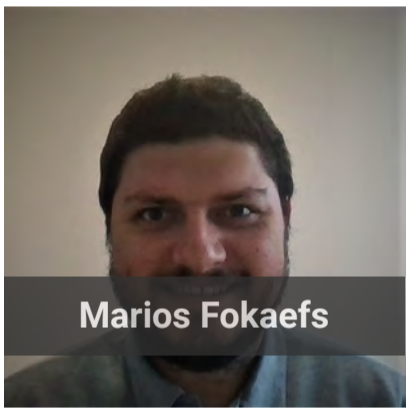
Manishankar Mondal



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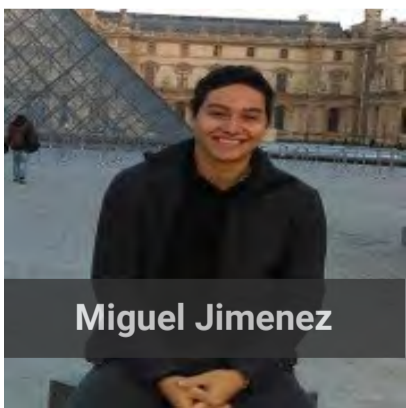
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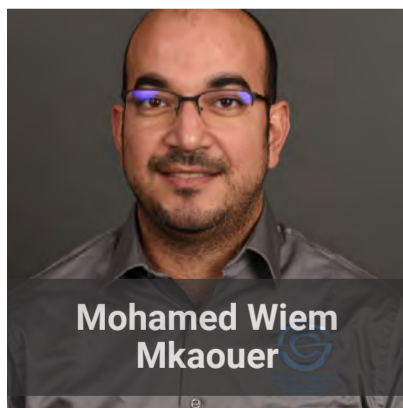
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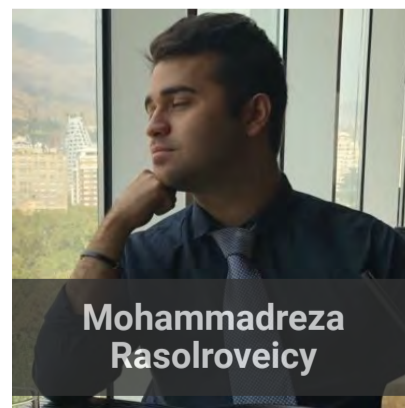
Michal Wesolowski



Miguel Jimenez



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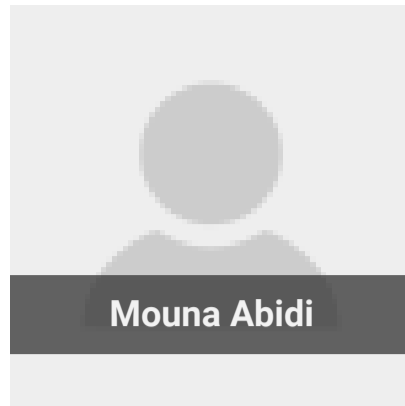
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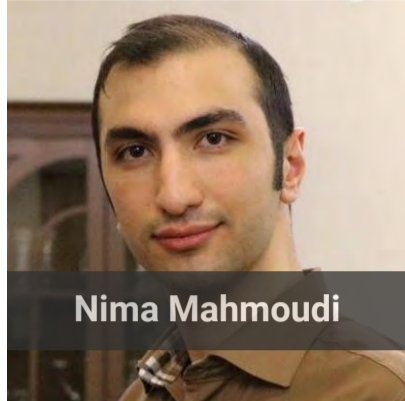
**Monica Sawchyn**



**Mouna Abidi**



**Muthucumar  
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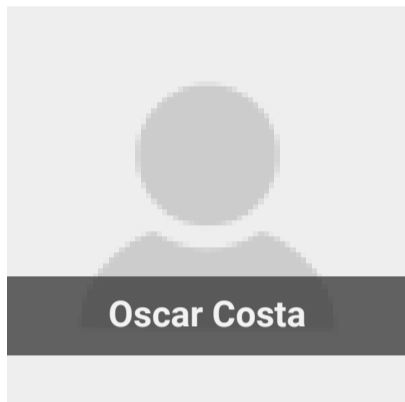
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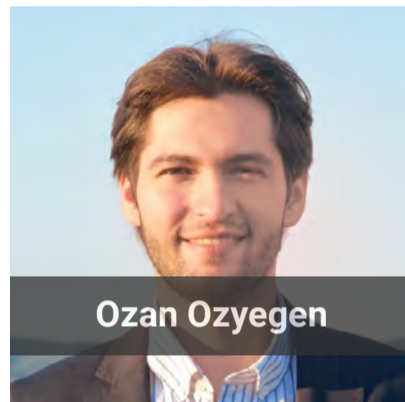
**Norha Villegas**



**Omar Harthi**



**Oscar Costa**



**Ozan Ozyegen**



**Patricia Vilain**



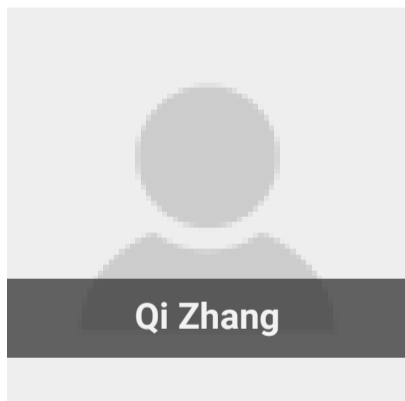
**Paul Ward**



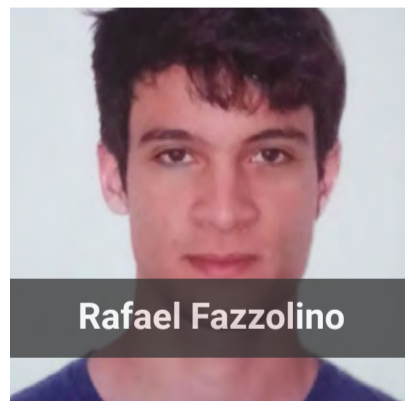
**Peyman Kassani**



**Priya Angara**



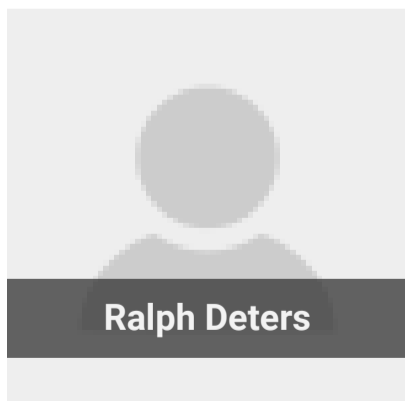
**Qi Zhang**



**Rafael Fazzolino**



**Rahma Mahruqi**

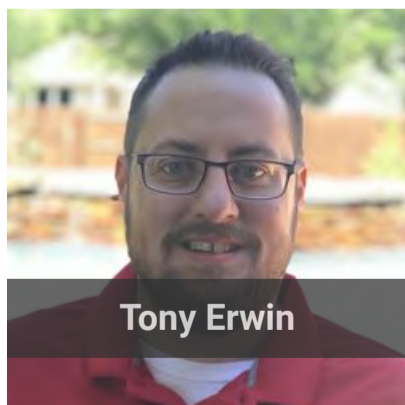
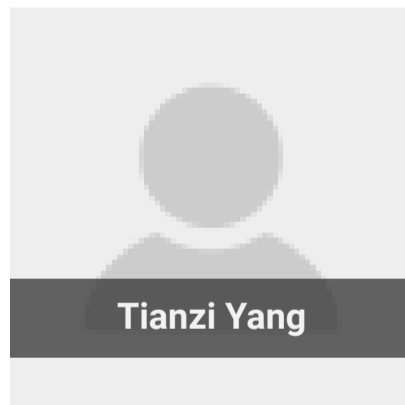
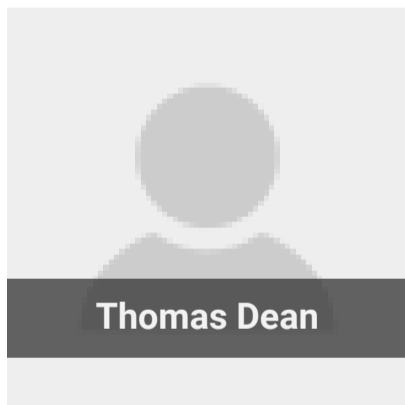
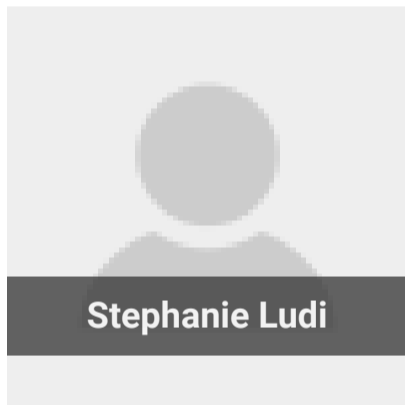
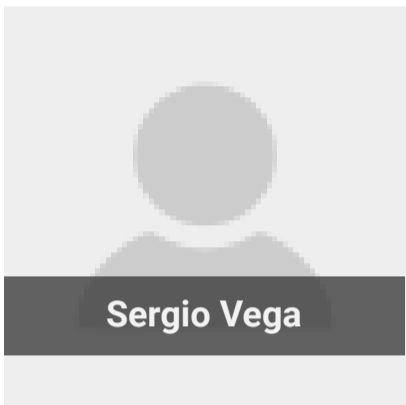
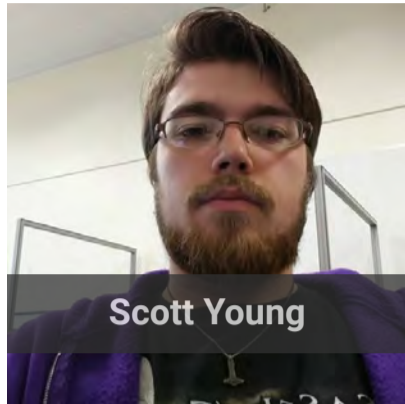
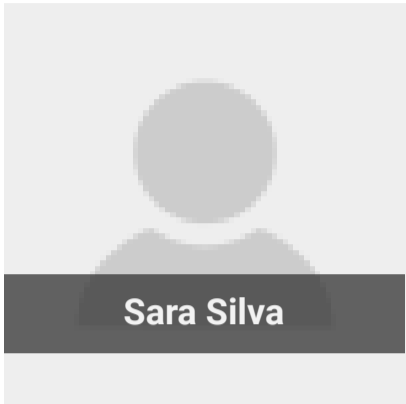
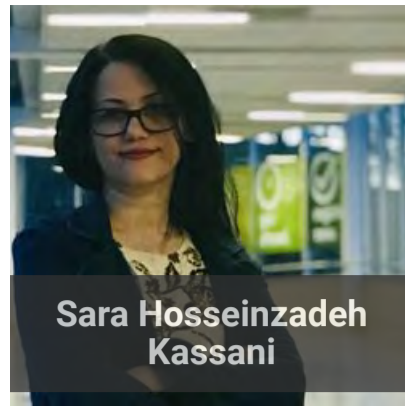
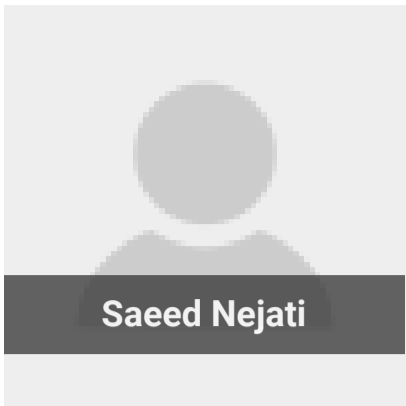


**Ralph Deters**



**Rejane Figueiredo**







Vijay Ganesh



Wahab Hamou-Lhadj



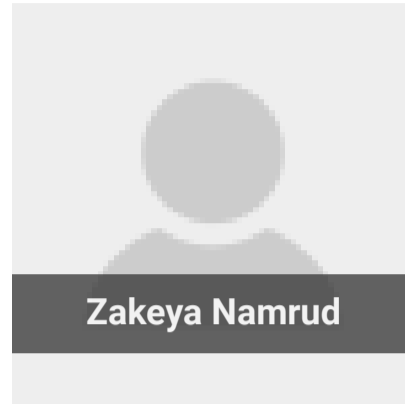
William Pourmajidi



Yann Guéhéneuc



Yar Rouf



Zakeya Namrud

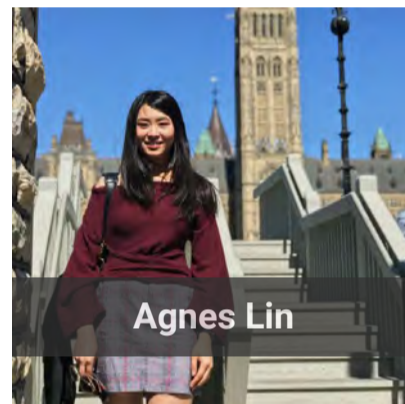
## Workshop Chairs/Speakers



Abel Gomez



Adeel Malik



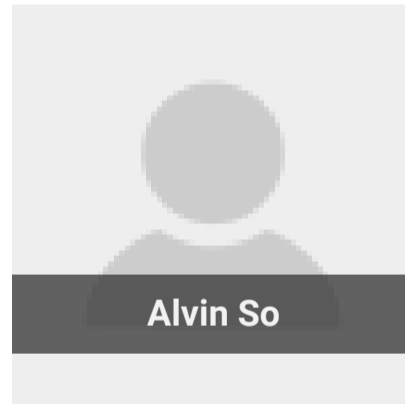
Agnes Lin



Ahmed Ibrahim



Alex Kreinin



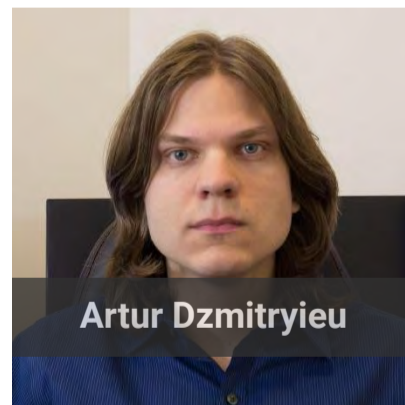
Alvin So



Andrew Jaramillo



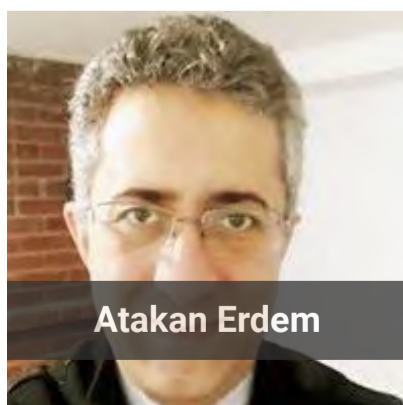
Arthur De Magalhaes



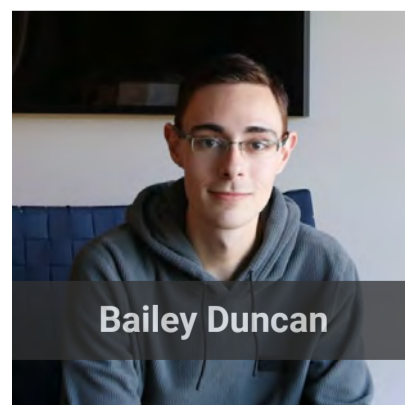
Artur Dzmitryieu



Ashley (J.) Zhao

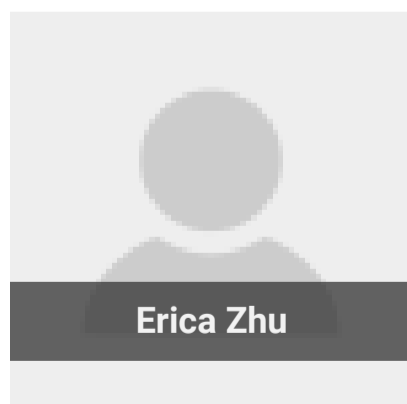
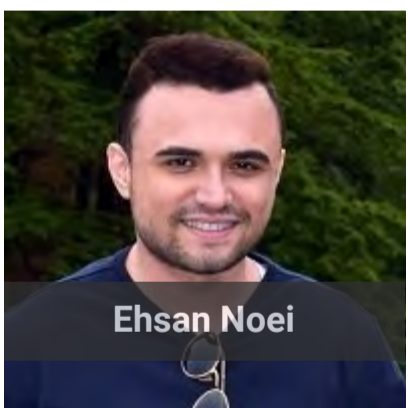
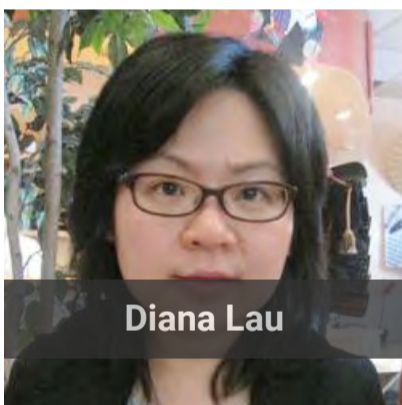
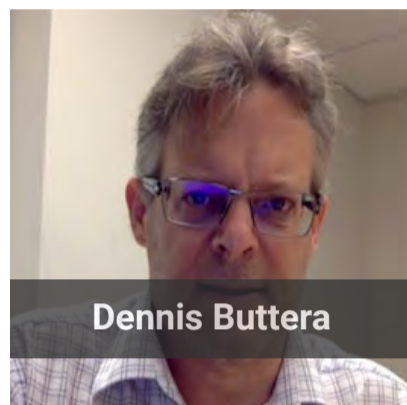
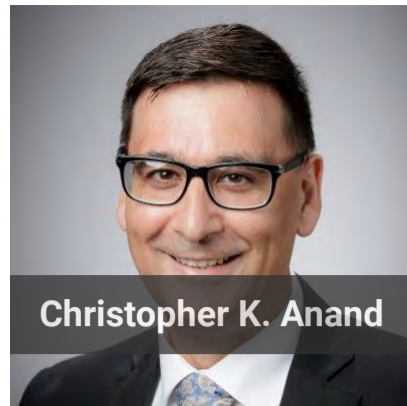
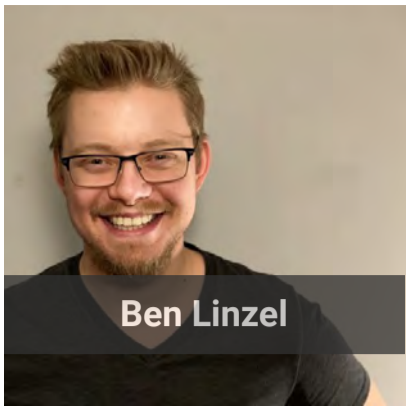


Atakan Erdem

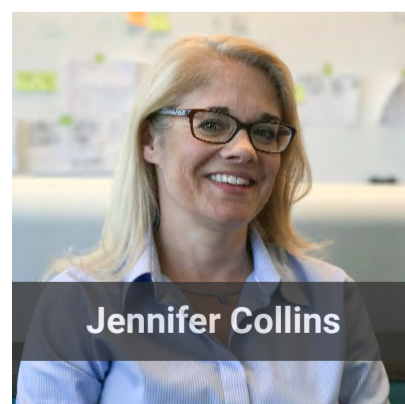
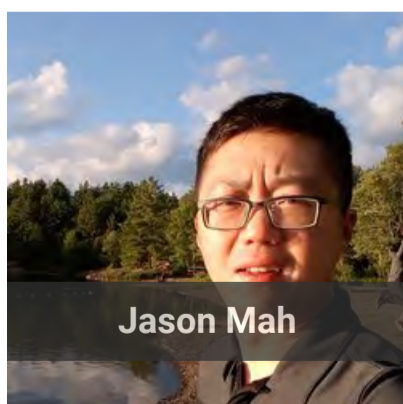
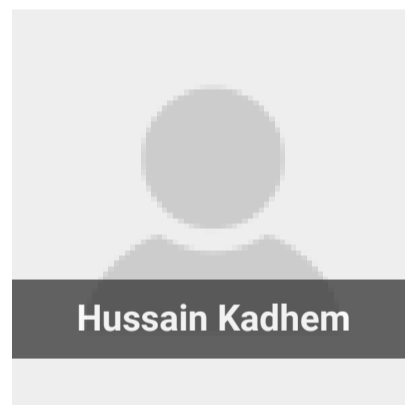
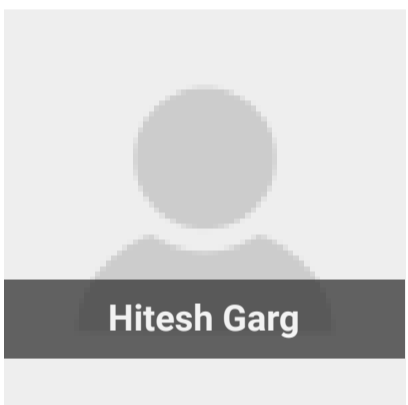
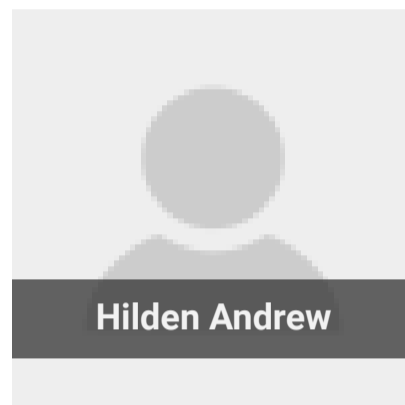
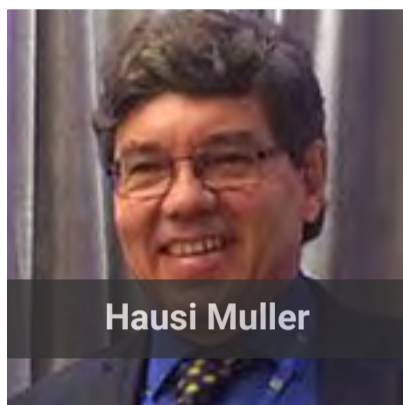
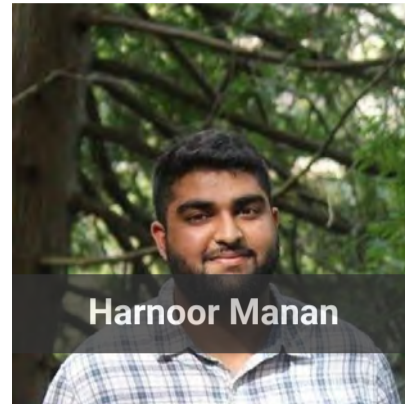
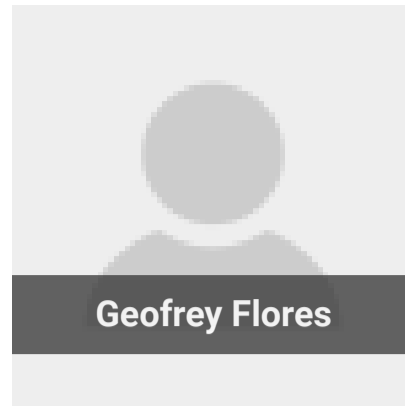
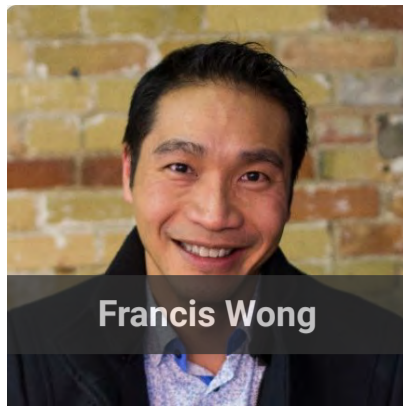
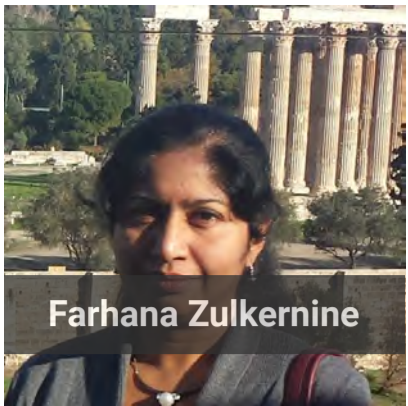


Bailey Duncan











**Jeremy Bradbury**



**Jeremy Nilmeier**



**Jingfu Wang**



**J. Nelson Amaral**



**Joe Wigglesworth**



**John Liu**



**John Steinbacher**



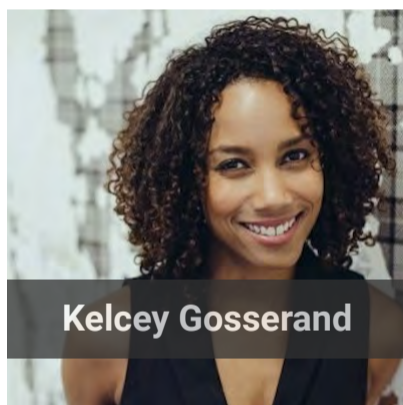
**John Longbottom**



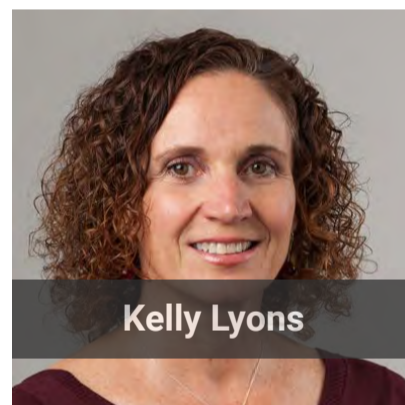
**Joyce Coleman**



**Kaya Gangesan**



**Kelcey Gosserand**



**Kelly Lyons**



**Kenneth Kent**



**Khalid Ahmed**



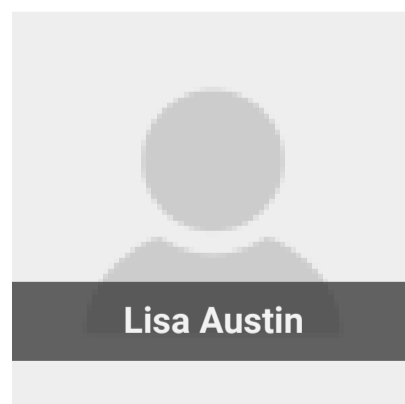
**Lee Jackson**



**Leo Christy Jesuraj**

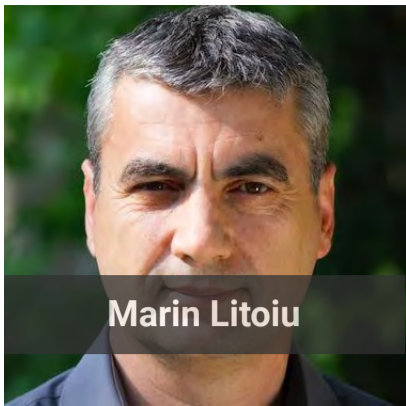


**Li Luo**



**Lisa Austin**

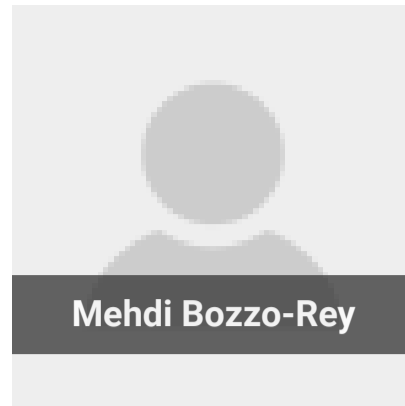




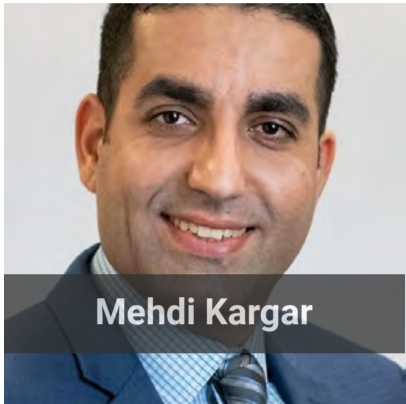
Marin Litoiu



Maysun Faisal



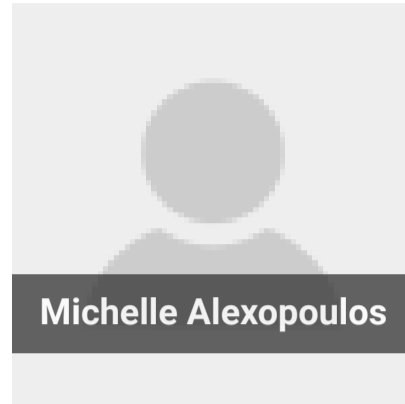
Mehdi Bozzo-Rey



Mehdi Kargar



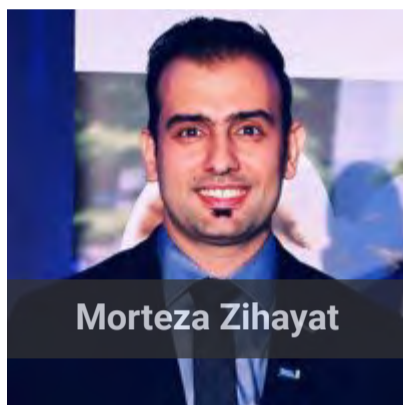
Michael Glavassevich



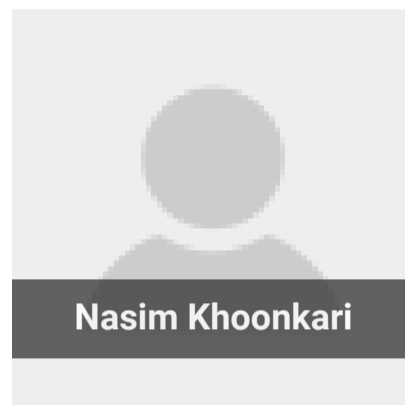
Michelle Alexopoulos



Mohammed  
Gasmallah



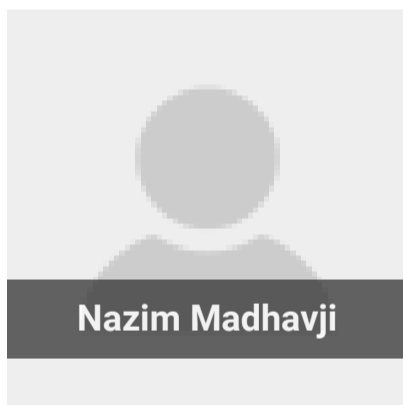
Morteza Zihayat



Nasim Khoonkari



Navid Shakibapour



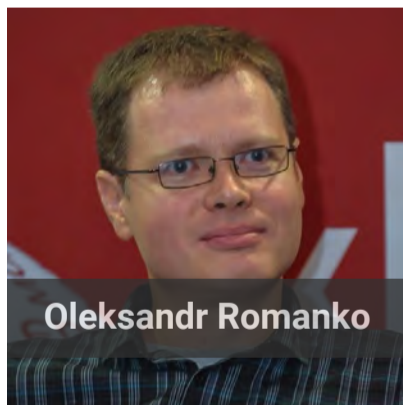
Nazim Madhavji



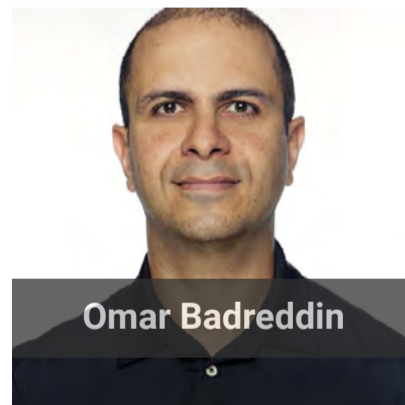
Neil De Lima



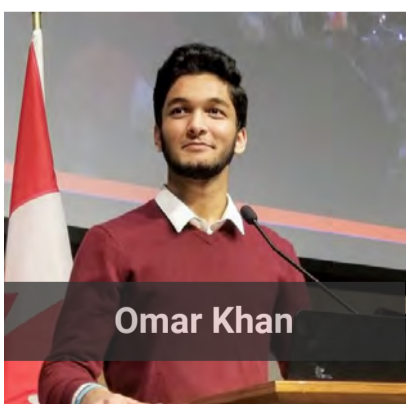
Nhan Thai



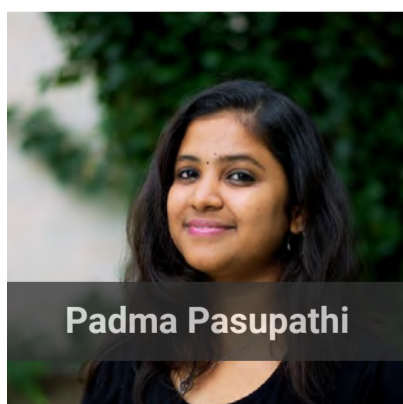
Oleksandr Romanko



Omar Badreddin



Omar Khan



Padma Pasupathi



Pandu Mutyala





Patrick Tiu



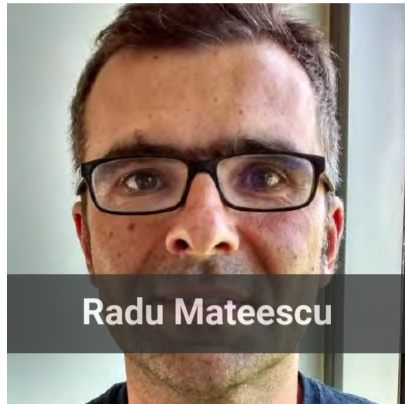
Periklis Andritsos



Pete Nicholls



Rachael House



Radu Mateescu



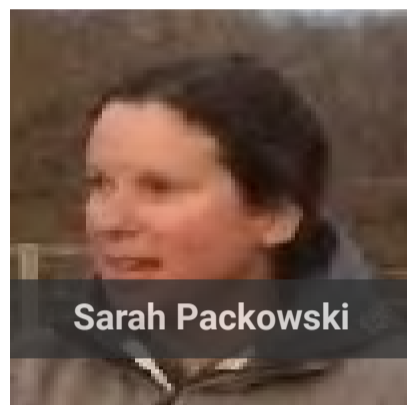
Rajiv Senthilnathan



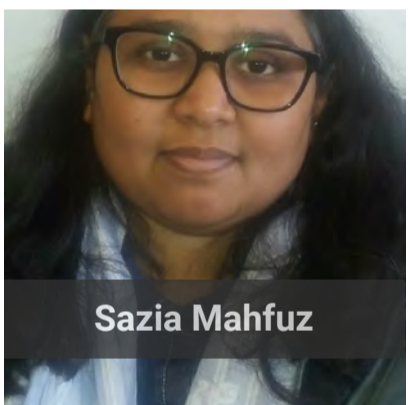
Reid Copeland



Rohan Alexander



Sarah Packowski



Sazia Mahfuz



Serjik Dikaleh



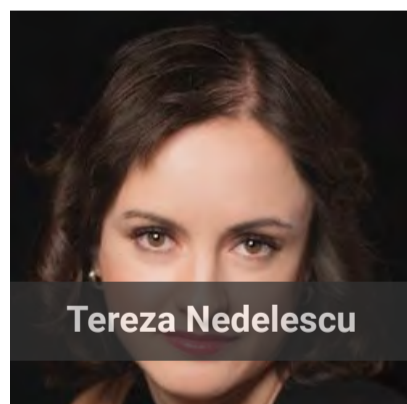
Shahzad Khan



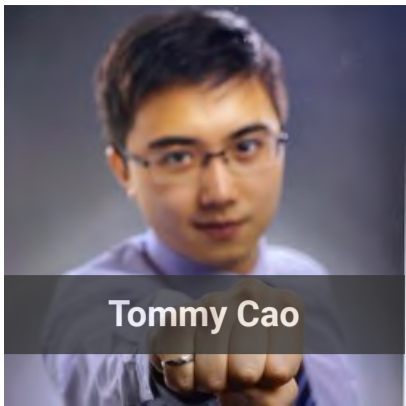
Steven Hung



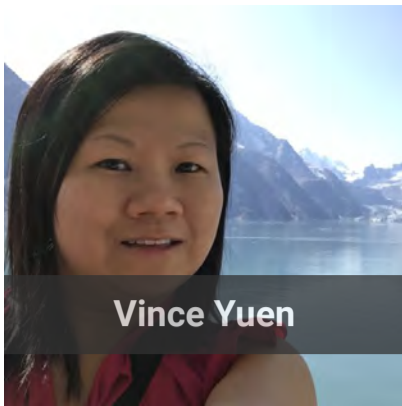
Tanya Bouman



Tereza Nedelescu



Tommy Cao



Vince Yuen



Wael Yehia



Whitney Tsang



Xiaoli Liang



Yee-Kang Chang

## Exhibitors



Aaron Graham



Abel Gomez



Adam Frank



Adeel Malik



Agnes Lin



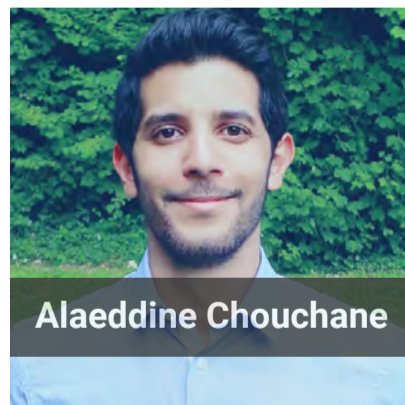
Aindrila Basak



Akihiro Hayashi



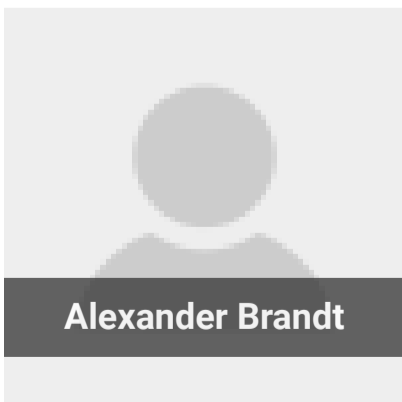
Akramul Azim



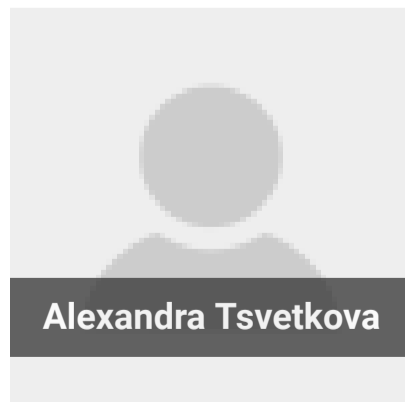
Alaeddine Chouchane



Alexandar Mihaylov



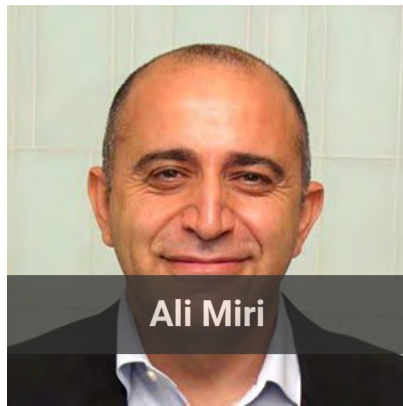
Alexander Brandt



Alexandra Tsvetkova



**Alexey Khrabrov**



**Ali Miri**



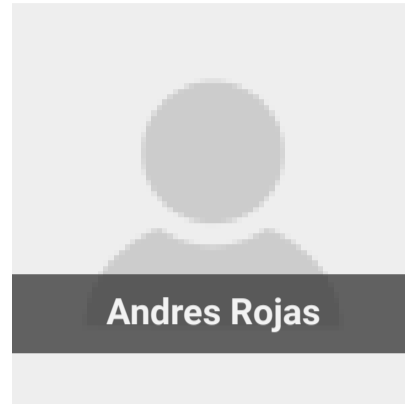
**Allen Chan**



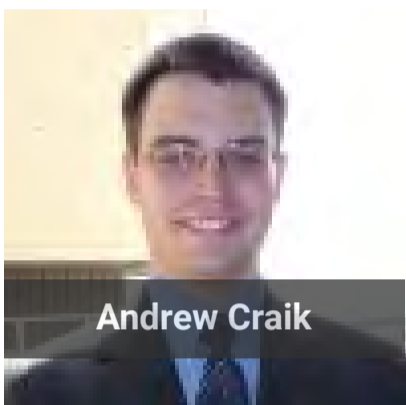
**Amal Khalil**



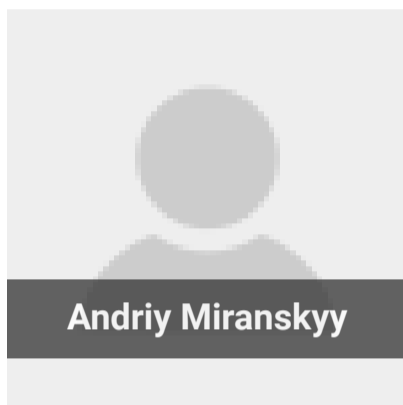
**Amirali Jafarian**



**Andres Rojas**



**Andrew Craik**



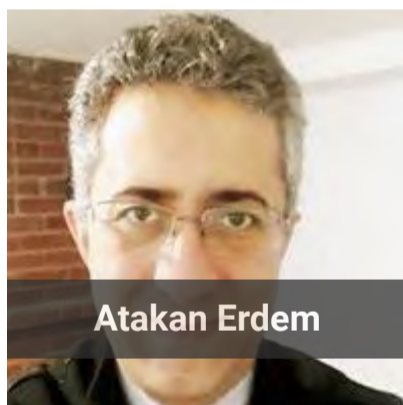
**Andriy Miranskyy**



**Anil Hitang**



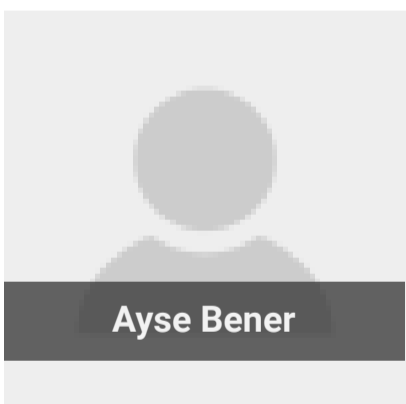
**Arnamoy  
Bhattacharyya**



**Atakan Erdem**



**Atheer Abu Zaid**



**Ayse Bener**



**Babneet Singh**



**Bara Nazzal**



**Bardia Mahjour**

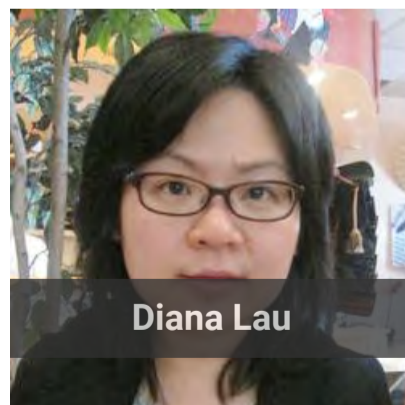
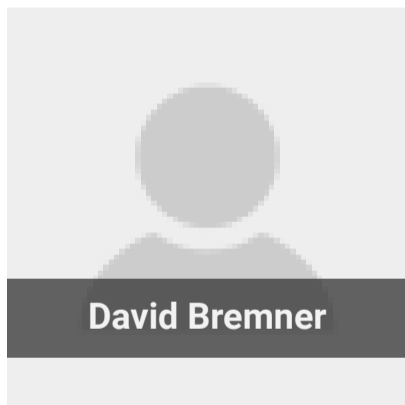
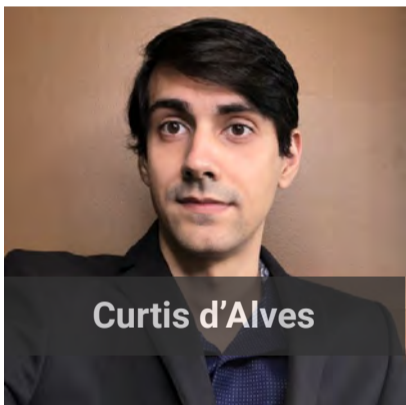
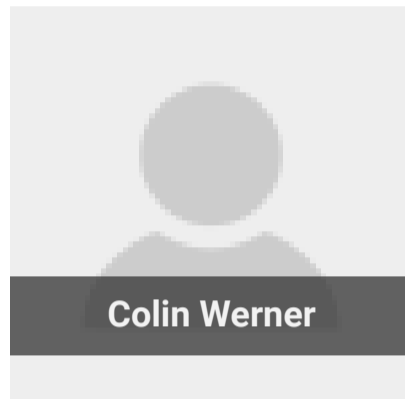
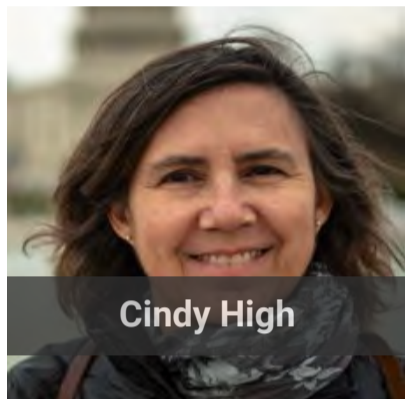
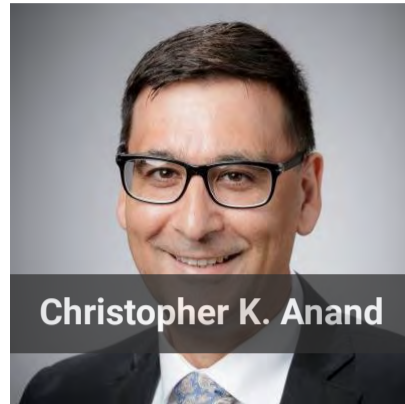
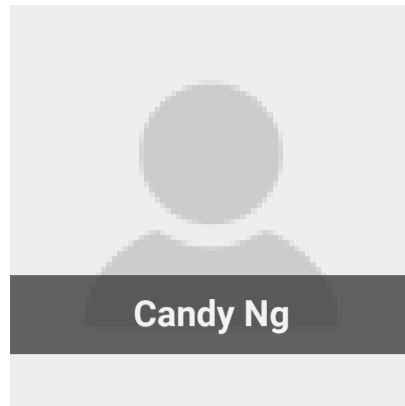
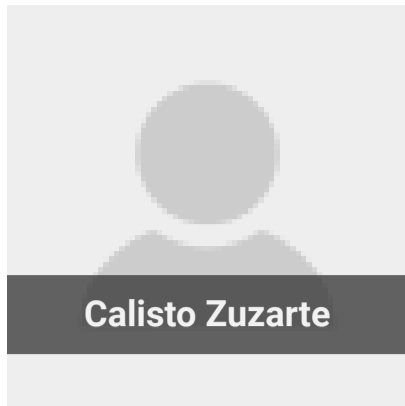


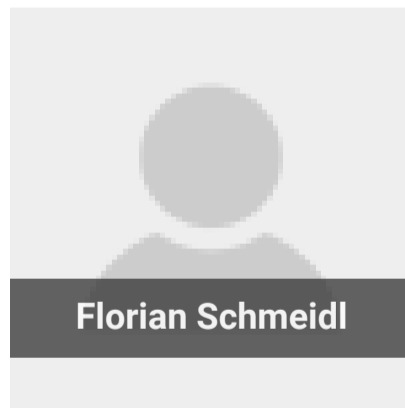
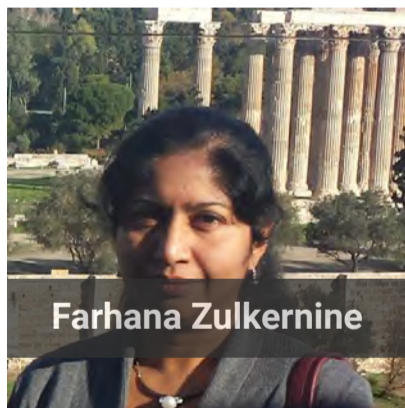
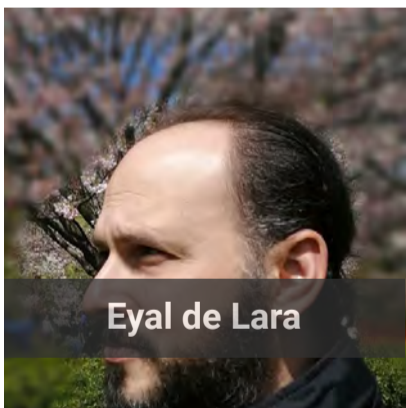
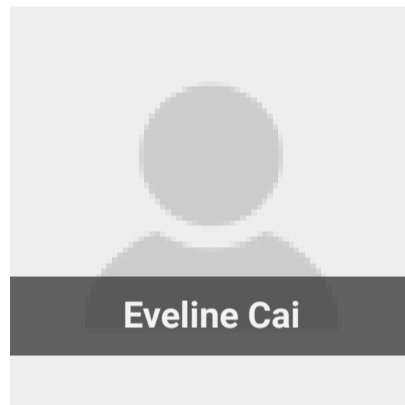
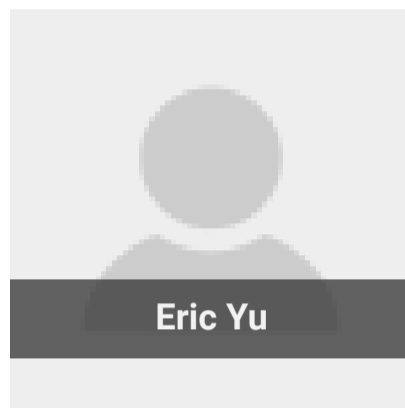
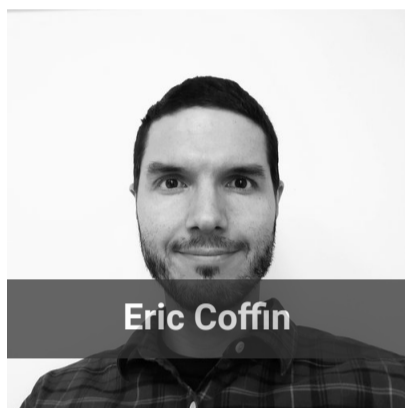
**Bill O'Farrell**

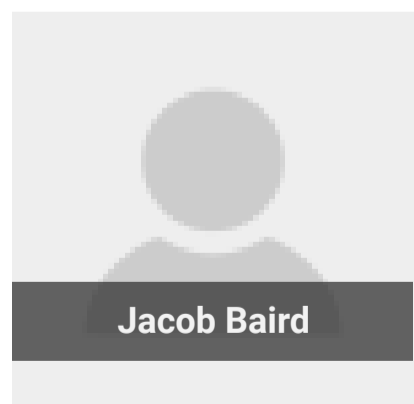
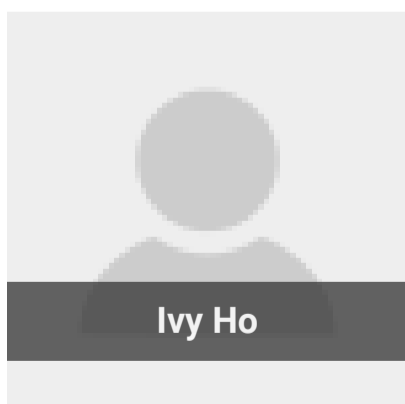
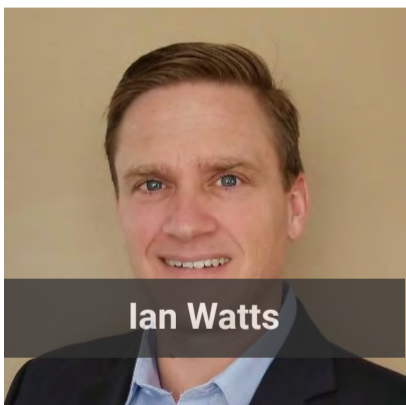
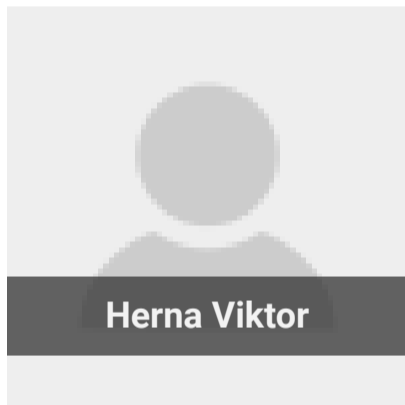
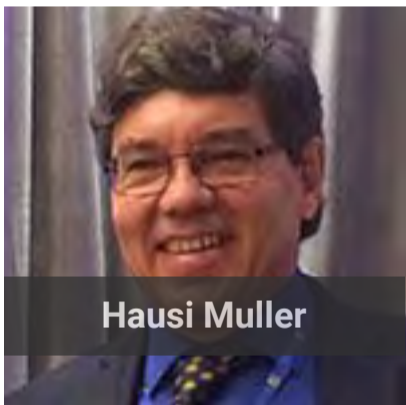
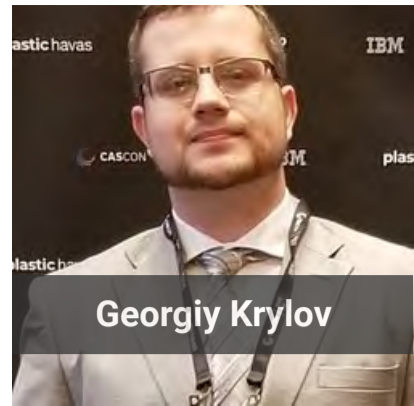
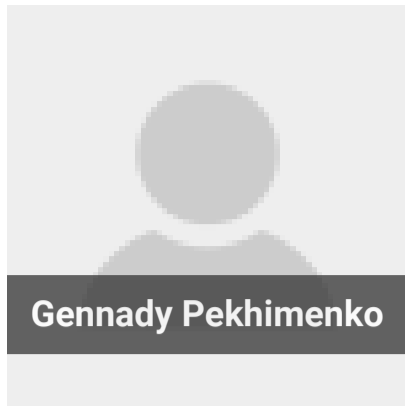


**Bojian Zheng**













**James Green**



**James Miller**



**Janny Hou**



**Jaroslaw Szlichta**



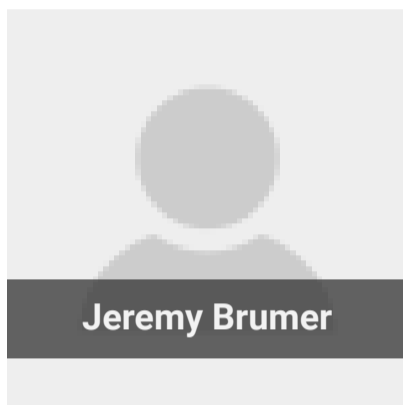
**J.Philippe Legault**



**Jeeva Paudel**



**Jennifer Collins**



**Jeremy Brumer**



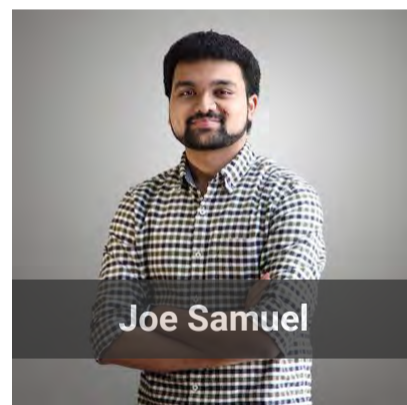
**Jimmy Kwa**



**Jisoo Lee**



**Joann Harrold**



**Joe Samuel**



**Joe Wigglesworth**



**John Collier**



**John Steinbacher**



**John Longbottom**



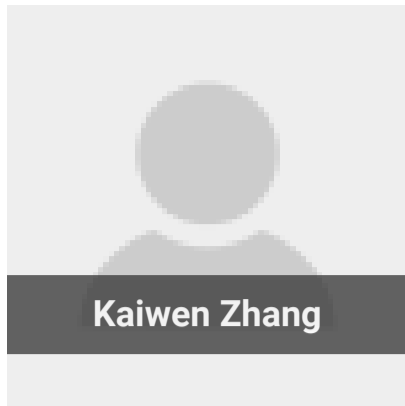
**Joydeep Mukherjee**



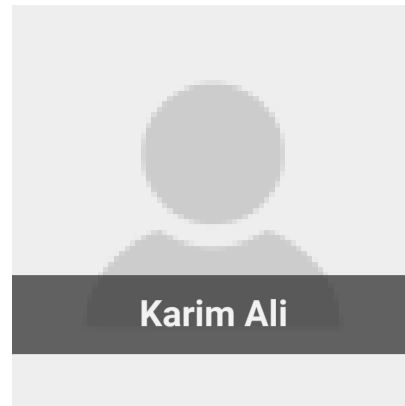
**Julia Rubin**



**Jun Shirako**



**Kaiwen Zhang**



**Karim Ali**



**Kazuaki Ishizaki**



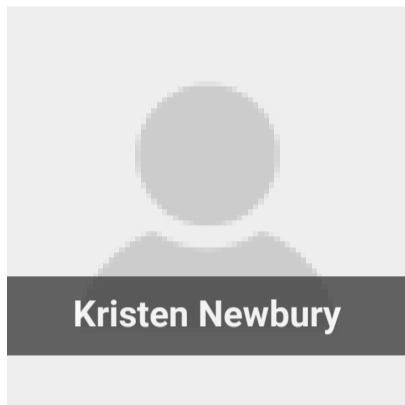
**Kazuhiro Konno**



**Kenneth Kent**



**Kim Greenwood**



**Kristen Newbury**



**Lee Jackson**



**Lei Zhang**



**Lin-Xiao Wang**



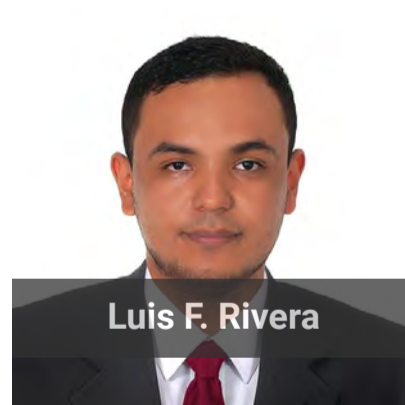
**Lisa Kirby**



**Longyu Zhang**



**Lucas Dutton**



**Luis F. Rivera**



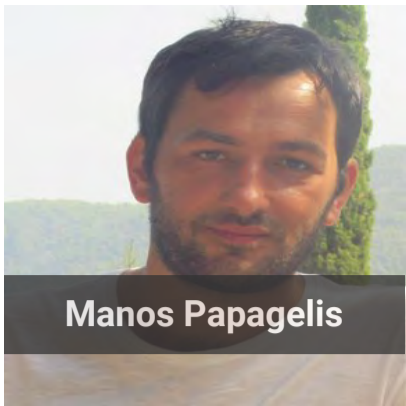
**Mahsa Hadian**



**Manar Alalfi**



**Manil Asija**



**Manos Papagelis**



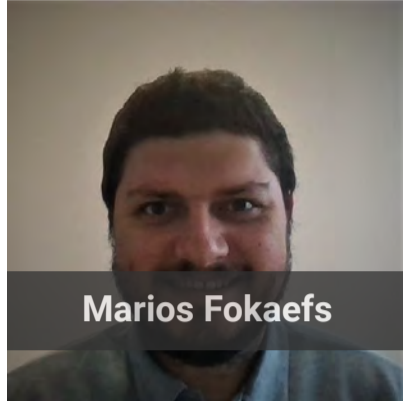
**Marc Moreno Maza**



**Maria Patrou**



**Marin Litoiu**



**Marios Fokaefs**



**Marius Pirvu**



**Mark Stoodley**



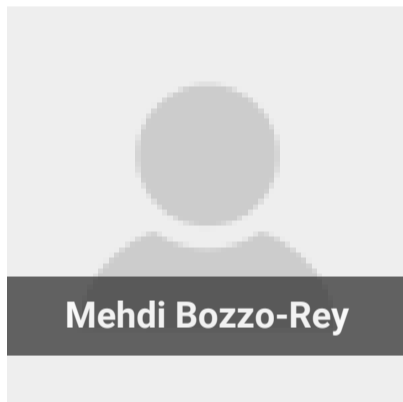
**Mark Thom**



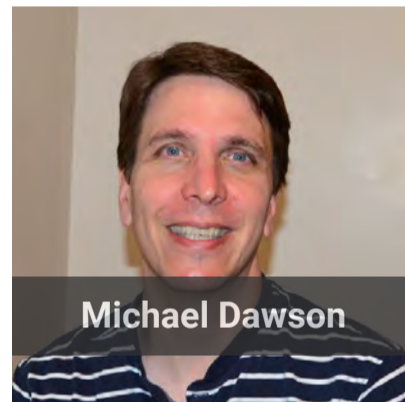
**Md Maruf**



**Md Mahbubur  
Rahman**



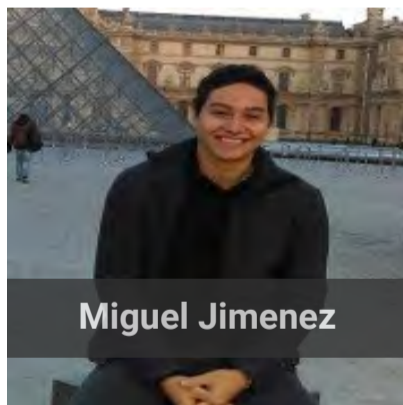
**Mehdi Bozzo-Rey**



**Michael Dawson**



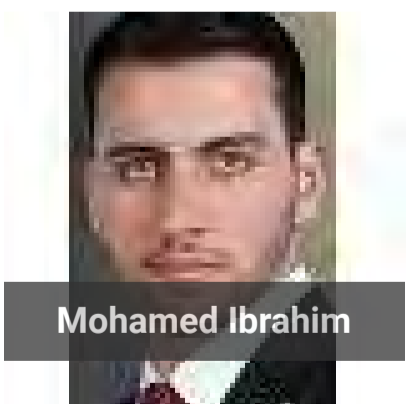
**Michael Flawn**



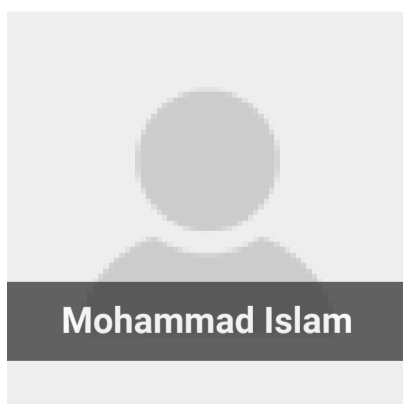
**Miguel Jimenez**



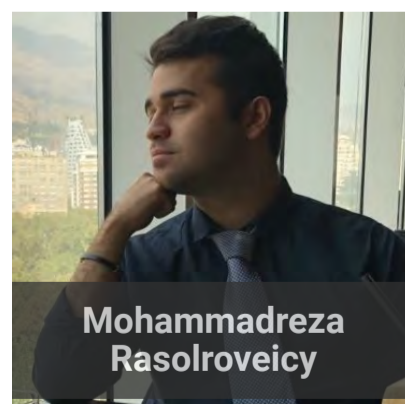
**Ming-Pang Wei**



**Mohamed Ibrahim**



**Mohammad Islam**

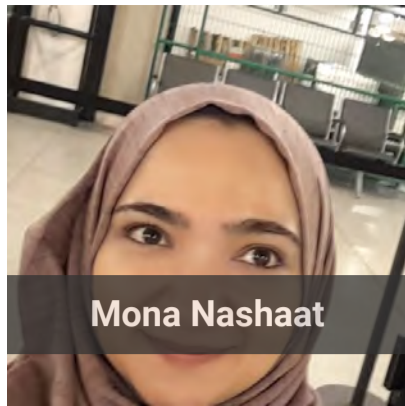


**Mohammadreza  
Rasolroveicy**





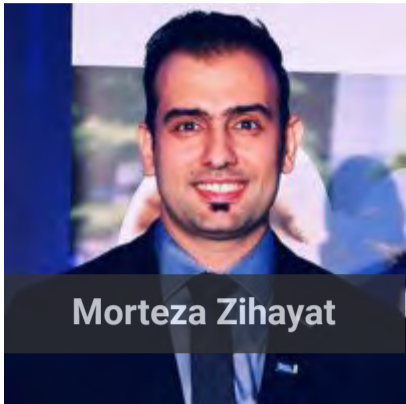
Mohammed Gasmallah



Mona Nashaat



Monica Sawchyn



Morteza Zihayat



Naman Sethi



Nick Ivanov



Nikolaos Rassias



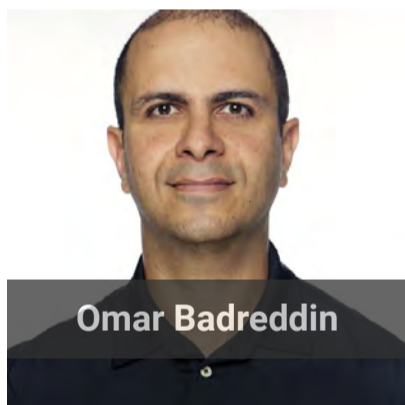
Norha Villegas



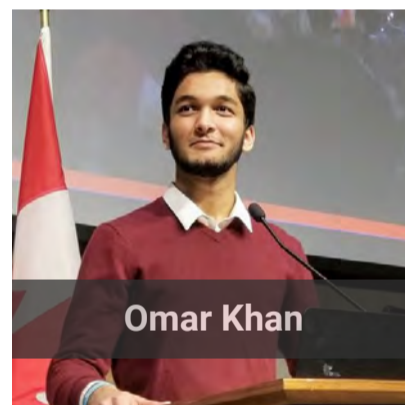
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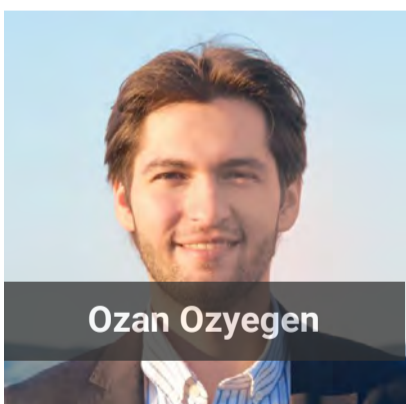
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Omar Badreddin



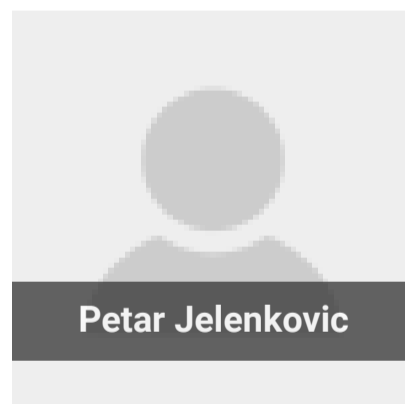
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Ozan Ozyegen



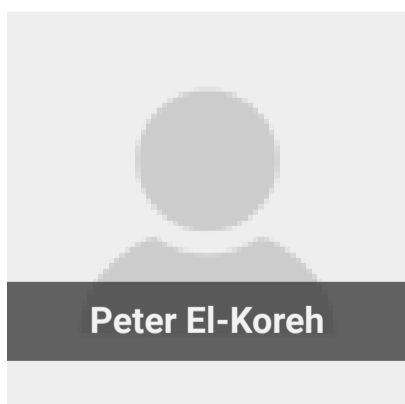
Parke Godfrey



Petar Jelenkovic



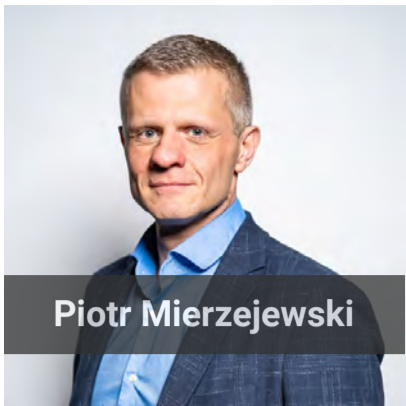
Pete Nicholls



Peter El-Koreh



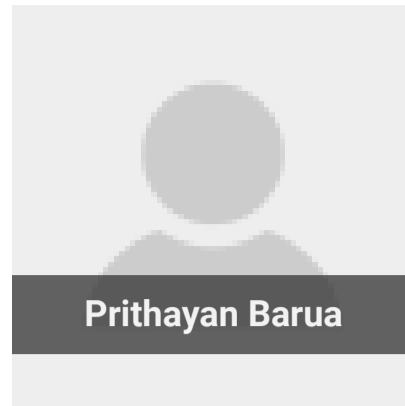
Phil Coulthard



Piotr Mierzejewski



Priya Angara



Prithayan Barua



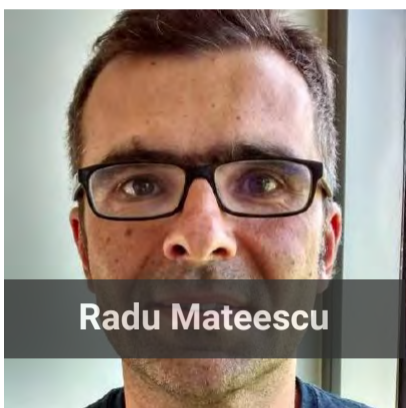
Priyanka Trivedi



Qian Cui



Qiongsi Wu



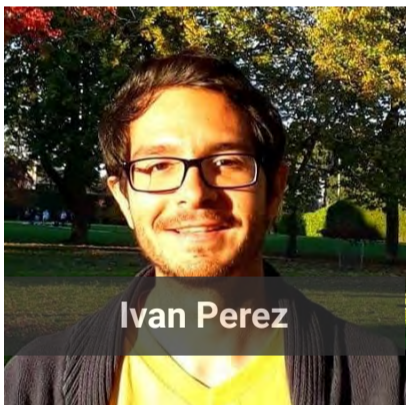
Radu Mateescu



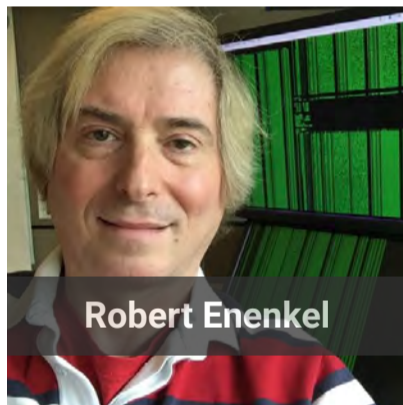
Ramiro Liscano



Randy Giffen



Ivan Perez



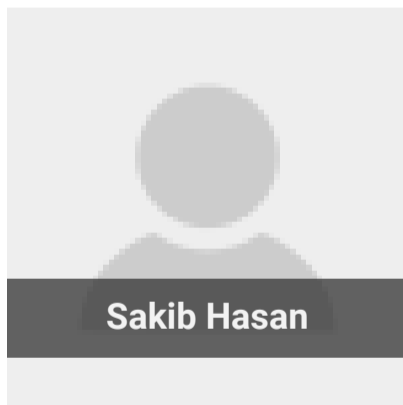
Robert Enenkel



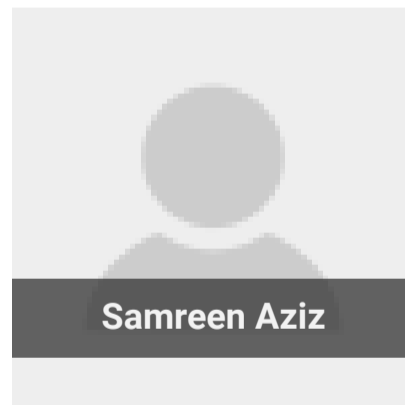
Ryan Shukla



Sajeda Parveen



Sakib Hasan



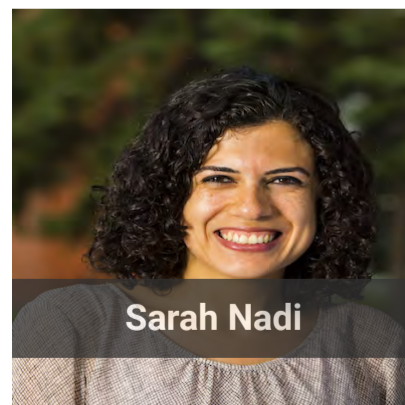
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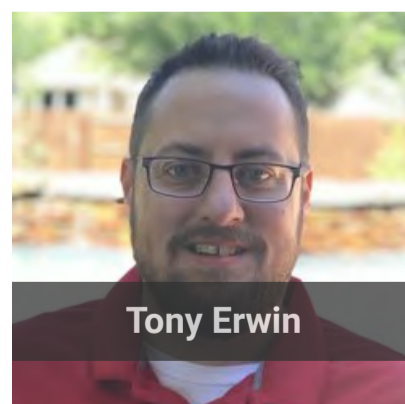
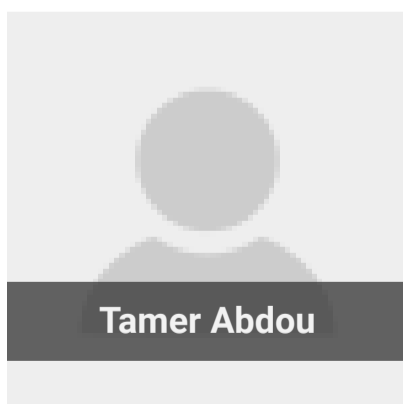
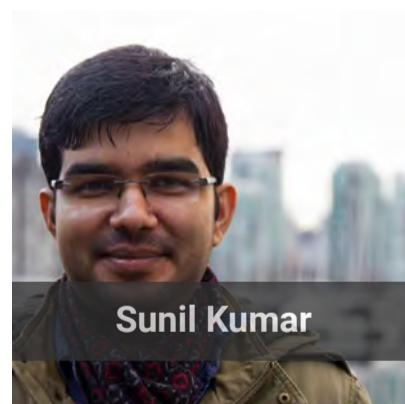
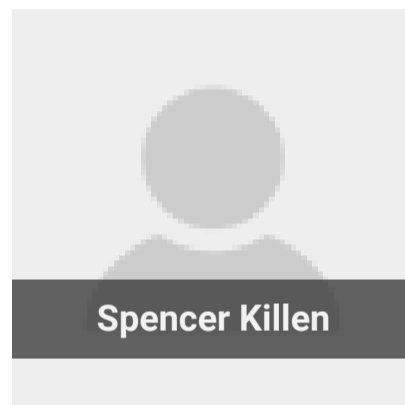
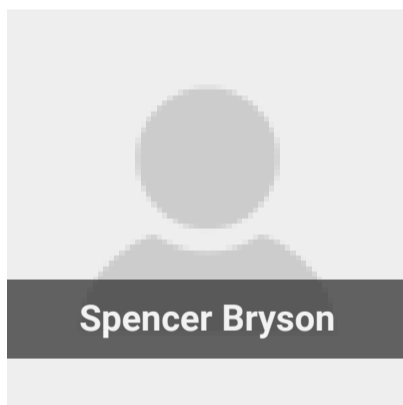
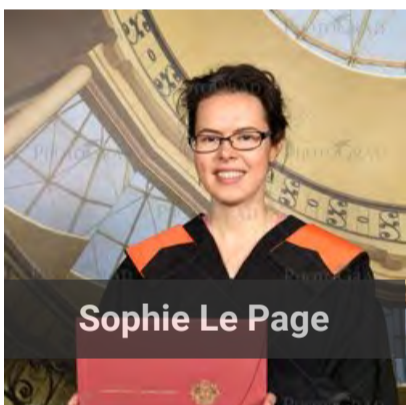
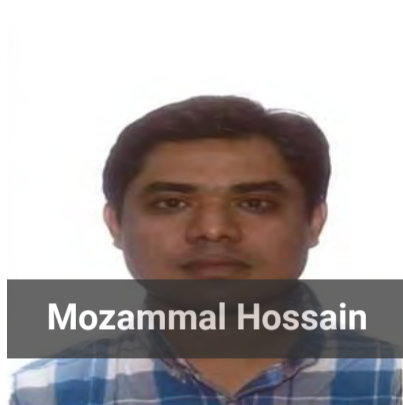
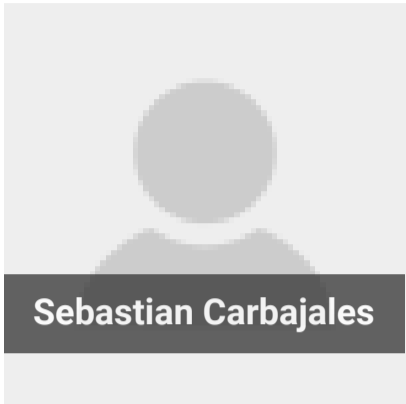
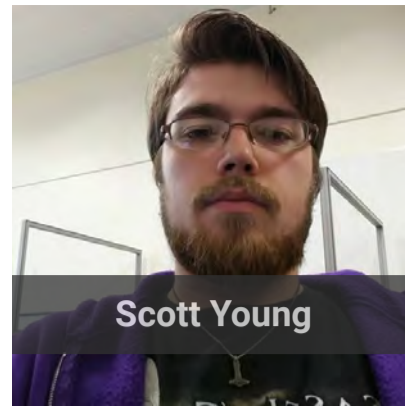
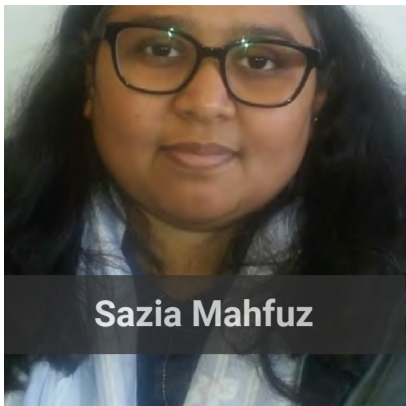
Samridhi Samridhi



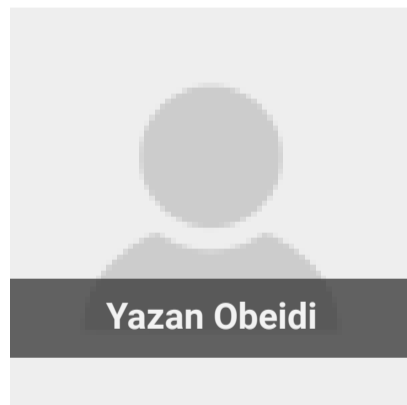
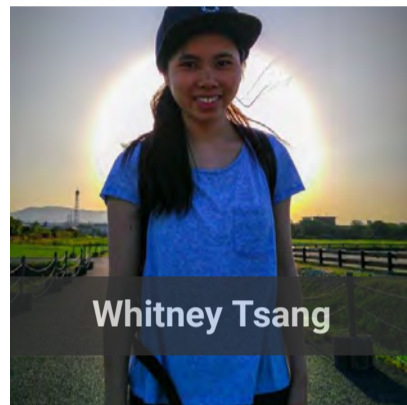
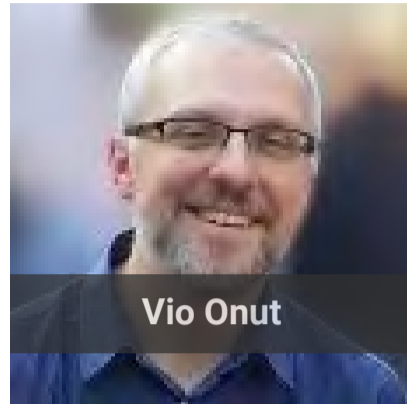
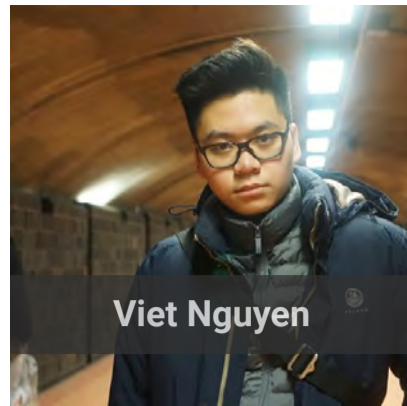
Samuel Dahan



Sarah Nadi

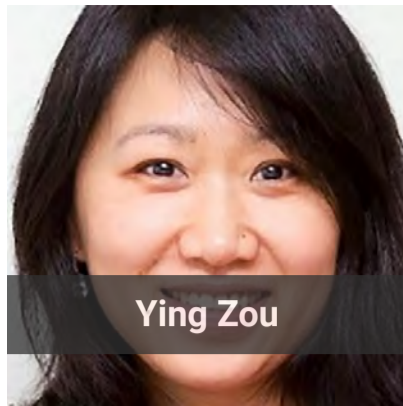




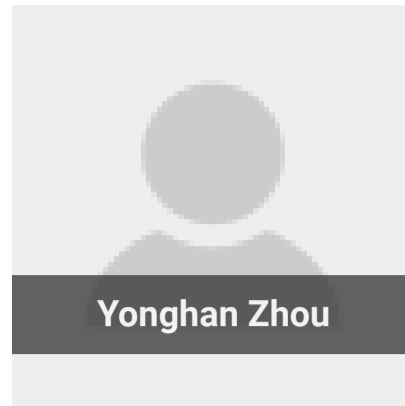




Yee-Kang Chang



Ying Zou



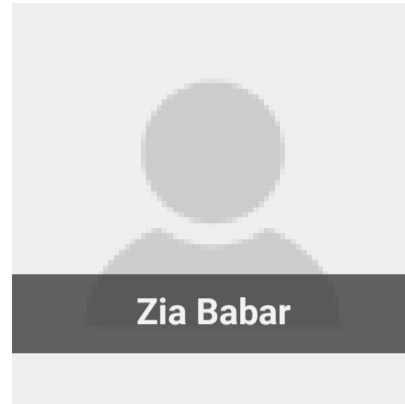
Yonghan Zhou



Guido Araujo

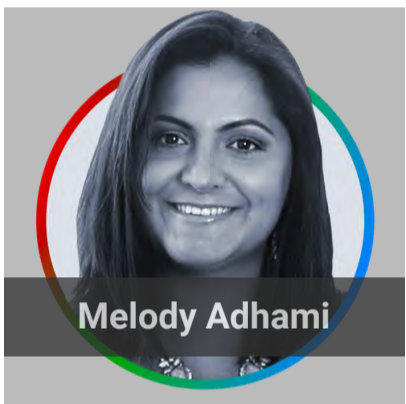


João Carvalho



Zia Babar

## Competition Judges



Melody Adhami



Aaron Labbe



Alex Chepovetsky



Andrea MacDonald



Andrew Safranko



Carla Margalef



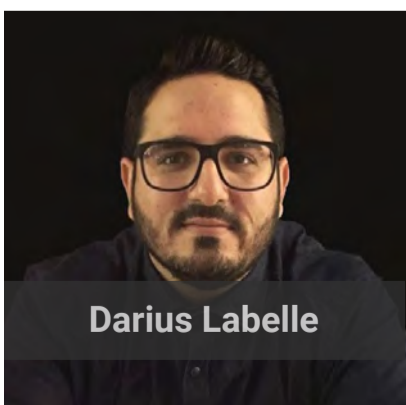
Corby Fine



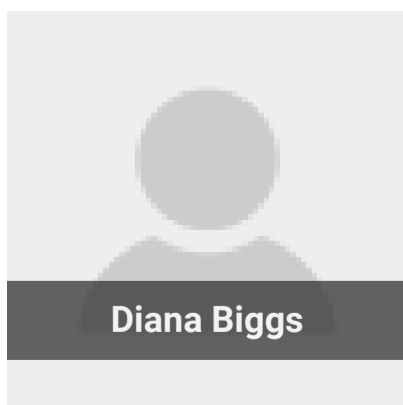
Dan Sinai



Dave Revell



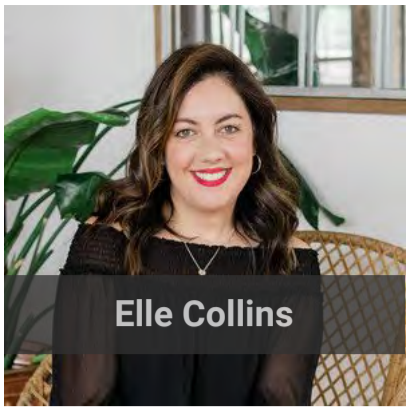
Darius Labelle



Diana Biggs



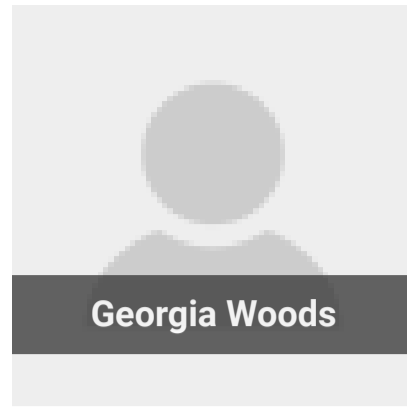
Diana Luu



**Elle Collins**



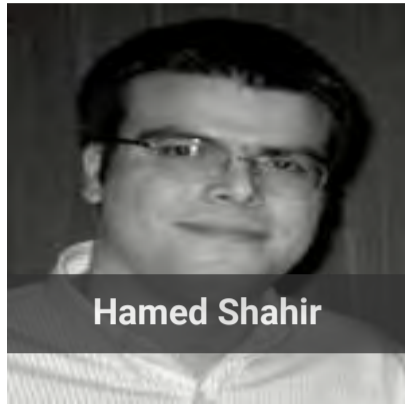
**Gale Geddes**



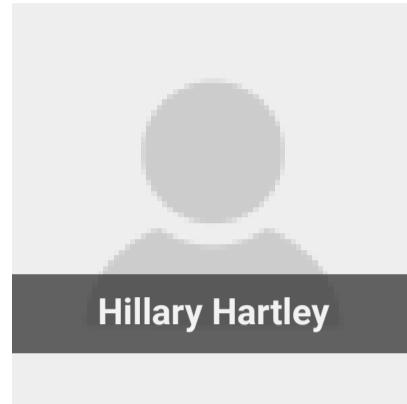
**Georgia Woods**



**Gurminder Kandola**



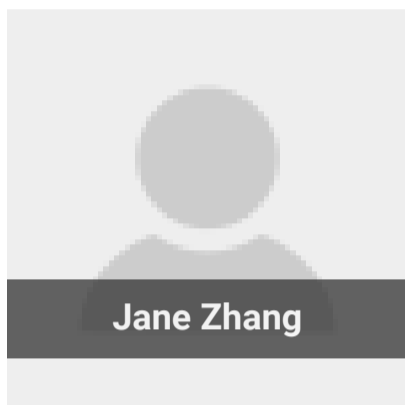
**Hamed Shahir**



**Hillary Hartley**



**Jacqueline Calisto**



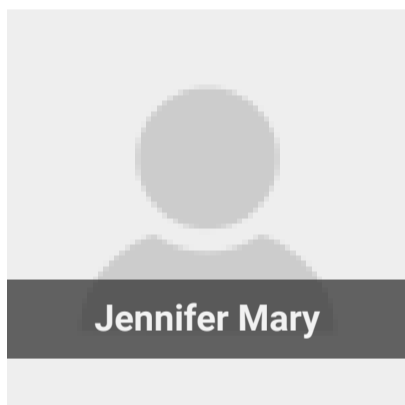
**Jane Zhang**



**Jason Shim**



**Jeahnette Cavaliere**



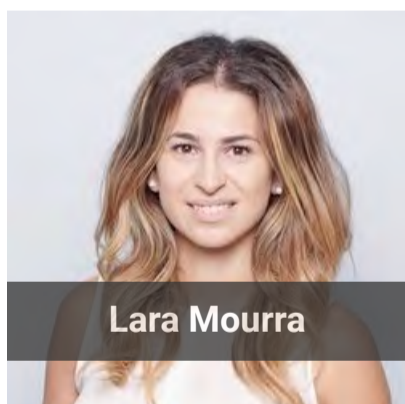
**Jennifer Mary**



**John Weigelt**



**Krista Shibata**



**Lara Mourra**



**Mandy Gilbert**



**Martin Fecko**

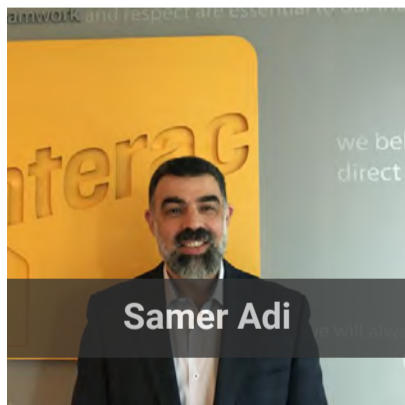
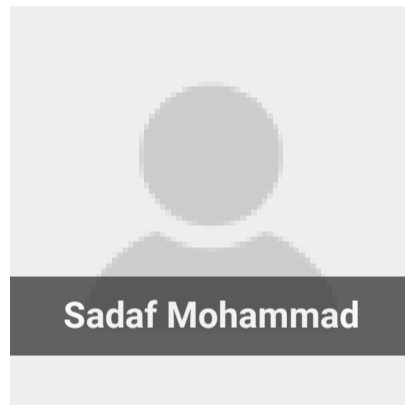
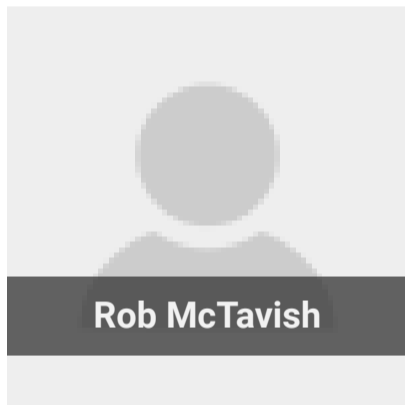
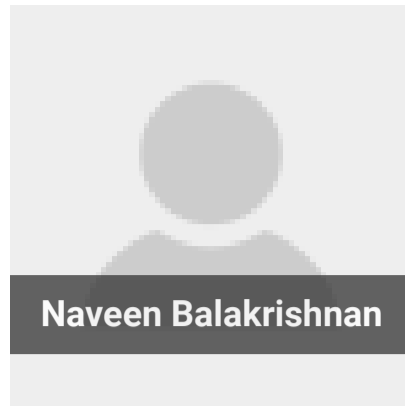


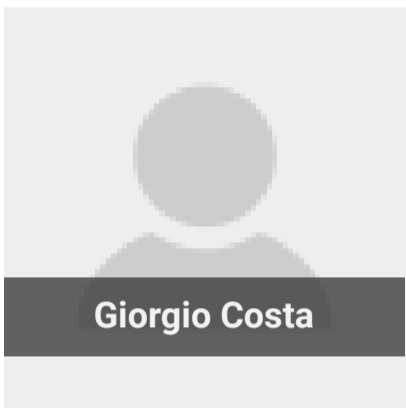
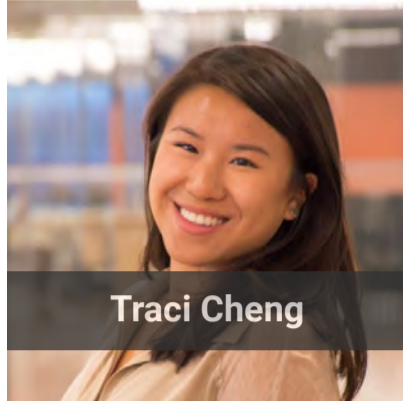
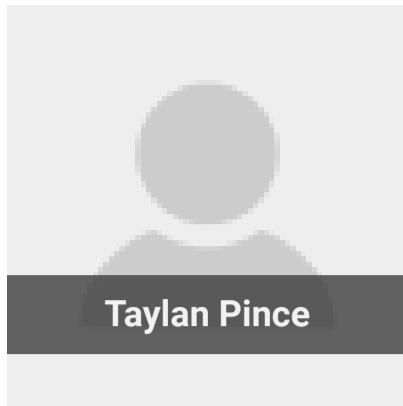
**Maryam Nabavi**



**Mary Ann Yule**








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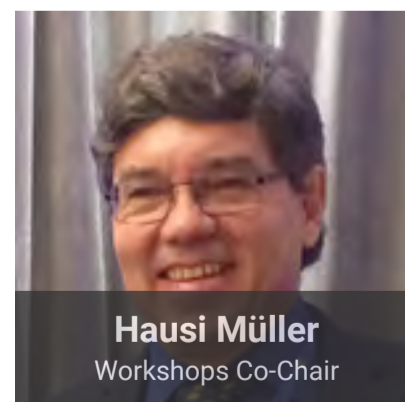
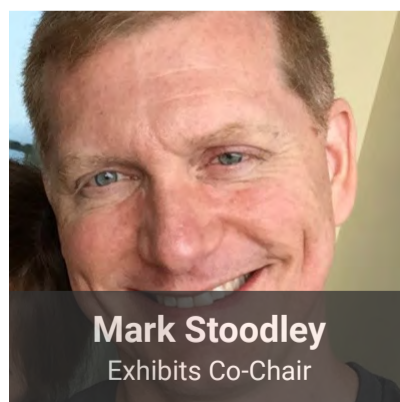
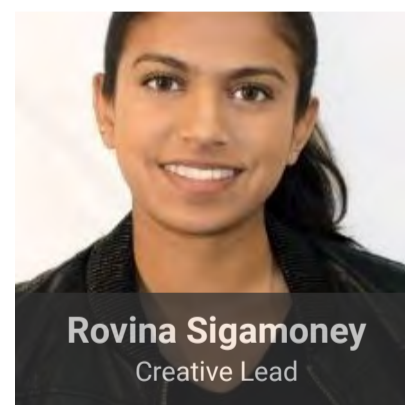
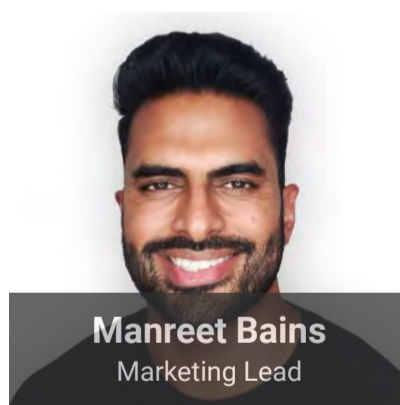
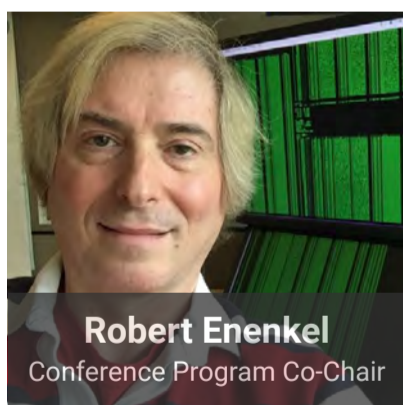
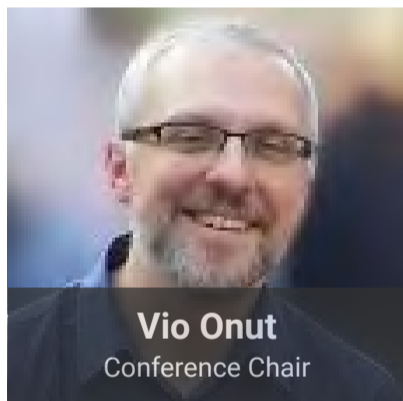
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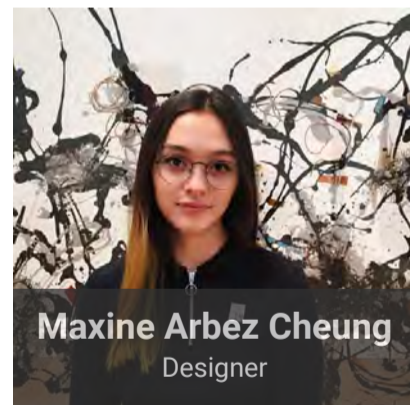
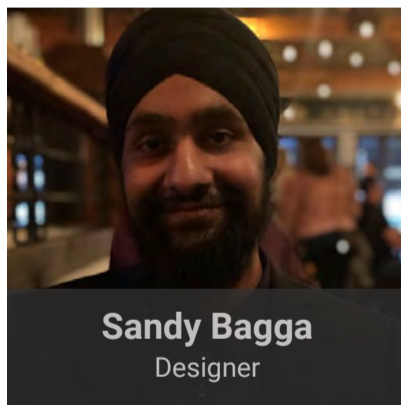
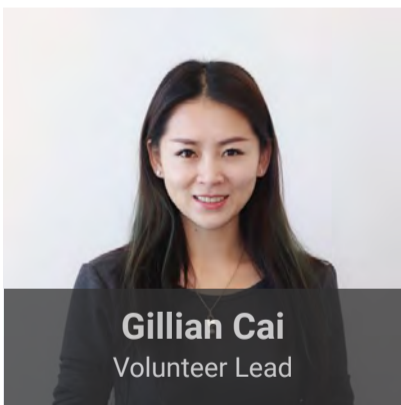
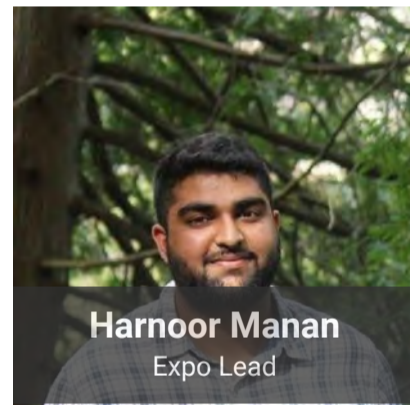
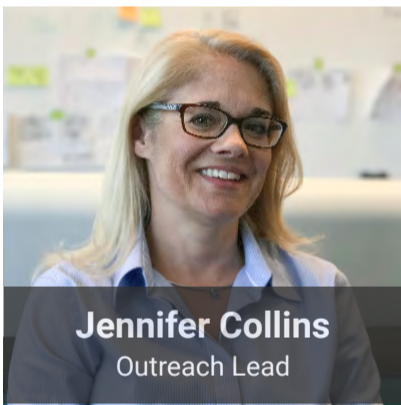
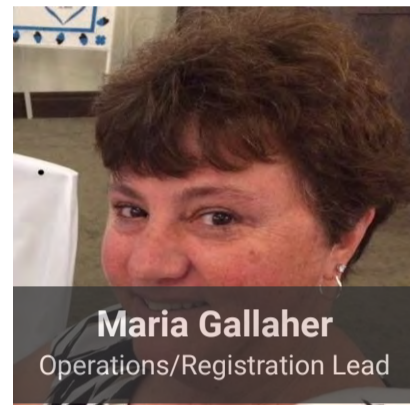
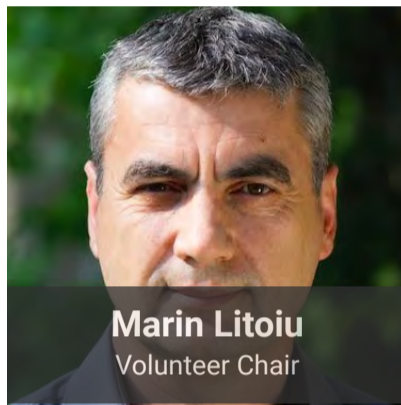
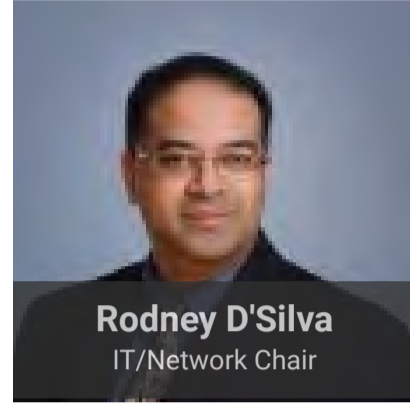
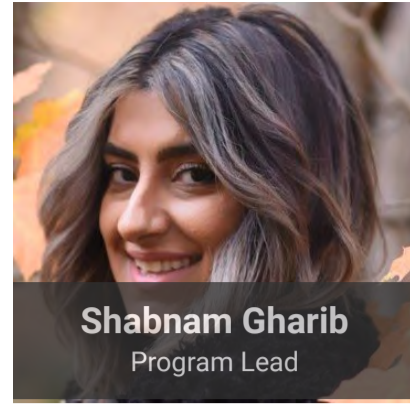
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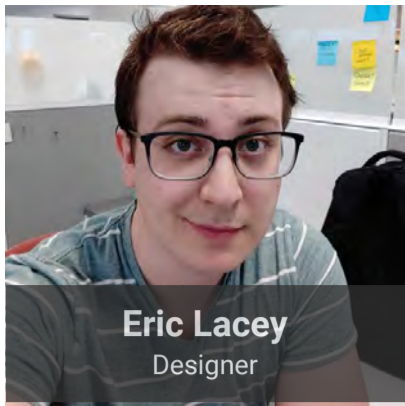
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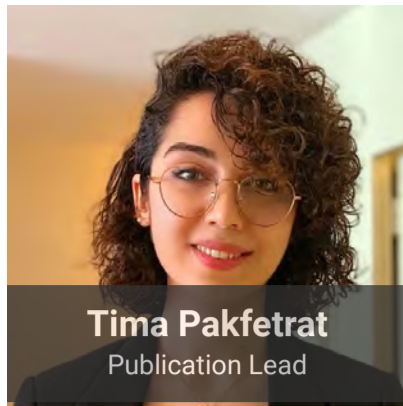




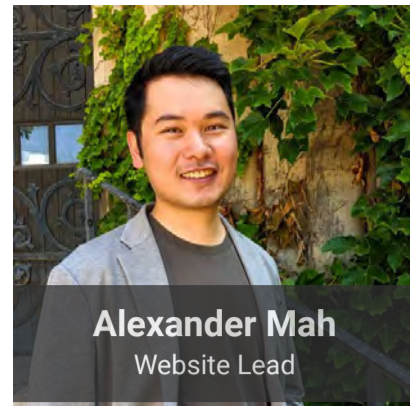




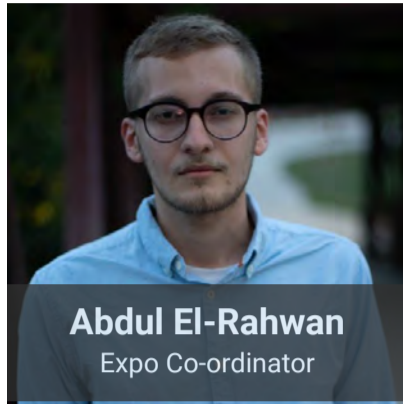
**Eric Lacey**  
Designer



**Tima Pakfetrat**  
Publication Lead



**Alexander Mah**  
Website Lead

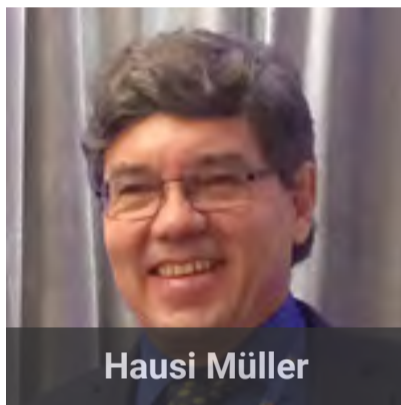


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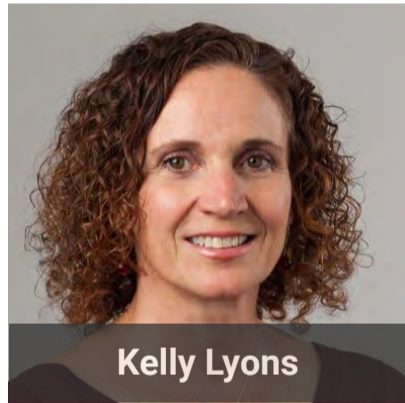
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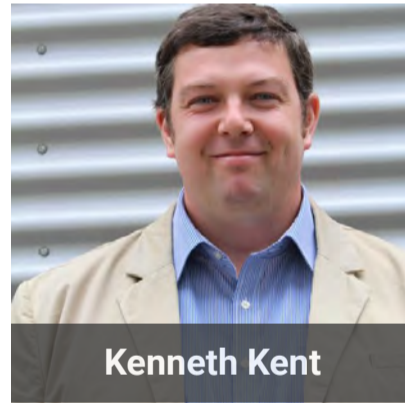
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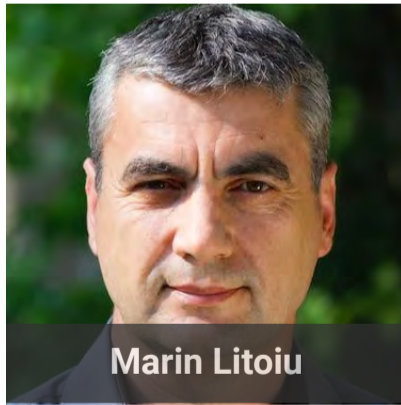
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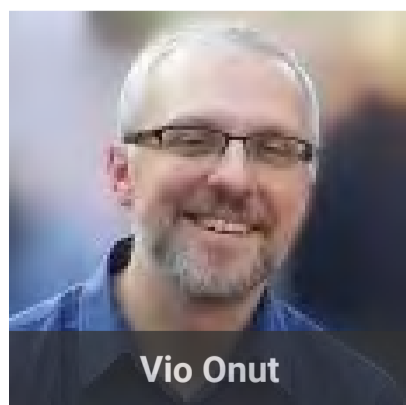
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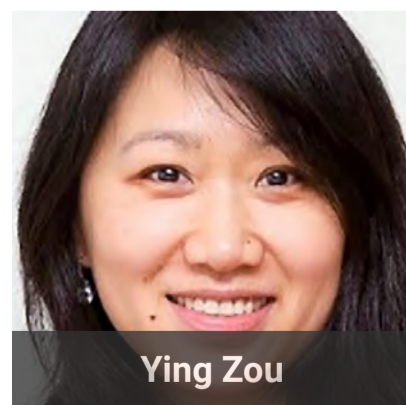
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