2016 Digital Cities Summit
Hosted by Stanford University and PARC

October 3 & 4, 2016
Stanford University
Mackenzie Room
Huang Engineering Center
Welcome!

The first annual Digital Cities Summit hosted by Stanford Global Projects Center, PARC, a Xerox company, and mediaX on October 3-4, 2016 brings together an elite group of ~200 global CEOs, SVPs, entrepreneurs, and policy makers at the Stanford campus in Palo Alto, California.

The goal of the conference is to illustrate how disruptive technology is changing the way citizens, government, and commercial organizations interact with each other to create new social contracts, business models, and behaviors in a digital urban environment.

The pioneering Summit provides a one-of-a-kind opportunity to join a seminal two-day event to hear visionary keynote presentations and interact in informative workshops, to better understand how the most innovative global smart cities are being developed today, and how emerging trends in technologies and lifestyles will shape the way digital cities are developed over the next few decades.

Executives will leave with new knowledge and insight about how to incorporate truly emerging technologies—already changing, disrupting and shaping today’s cities—into their own innovative products and services.
### Digital Cities Summit Agenda

**Monday, October 3, 2016**

<table>
<thead>
<tr>
<th>MODULE</th>
<th>CONTENT</th>
<th>GOAL</th>
<th>SPEAKER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>08:00-08:15</td>
<td>Introduction: Setting the Stage</td>
<td>Setting the stage, and agenda highlights.</td>
</tr>
<tr>
<td>2</td>
<td>08:15-08:30</td>
<td>Rise of Urbanization &amp; Digital Technologies</td>
<td>Set awareness on key urban trends, disruptors (problems we are facing), imperatives (what we must do), and impact of technologies - as both a disruptor and enabler. Overview the commercial market size for digital urbanization.</td>
</tr>
<tr>
<td>3</td>
<td>09:00-09:15</td>
<td>The Disruptors: Digital Technology</td>
<td>Overview of emerging software technologies impacting digital urbanization. Key topic: Implications inherent in crossing the chasm of data layers.</td>
</tr>
<tr>
<td>4</td>
<td>09:45-10:00</td>
<td>The Disruptors: Digital Technology</td>
<td>The Top 5 Emerging Digital Technology Trends: Software Algorithms, Data &amp; Predictive Analytics, Privacy, Convergence, Energy</td>
</tr>
<tr>
<td>5</td>
<td>10:30-11:00</td>
<td>The Disruptors: Digital Technology</td>
<td>Overview of the role of analytics in a sensor-rich environment for adaptive resource allocation and planning.</td>
</tr>
<tr>
<td>6</td>
<td>11:30-12:00</td>
<td>Disruptors: Sensors, real time data analytics, planning, and optimization</td>
<td>Advanced materials science and its implications for urban living.</td>
</tr>
<tr>
<td>7</td>
<td>12:00-12:30</td>
<td>Lunch: Cocktails, Small Buffet and Networking</td>
<td>Keynote Speaker: Michael Farber, SEA, Former EVP Booz Allen Hamilton</td>
</tr>
<tr>
<td>8</td>
<td>12:30-01:30</td>
<td>Luncheon Speaker: Everyone &amp; Everything Connected</td>
<td>What does this brave new world entail? Implications Crossing the Data Layer Chasm.</td>
</tr>
<tr>
<td>9</td>
<td>01:30-02:15</td>
<td>The Imperatives: Urban Resources &amp; The Grid</td>
<td>Urban infrastructure will be more decentralized — i.e., no “last mile” — and thus market driven.</td>
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<td>10</td>
<td>02:15-03:00</td>
<td>Algorithms, Analytics, and Automation: Getting Smart</td>
<td>Overview automation and data analytics technologies discussing how they will change the urban experience crossing areas like transportation and healthcare.</td>
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<tr>
<td>11</td>
<td>03:00-03:45</td>
<td>Leveraging Digital City Data</td>
<td>Overview of the issues of sustainability, How do we develop our infrastructure and maintain city life with the massive migration of populations into the cities? How does one approach mobility? What is most imperative? Panel Discussion</td>
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<tr>
<td>12</td>
<td>03:45-04:30</td>
<td>Privacy and Security: Keep Safe and Secure All Things Cyber</td>
<td>Overview and discussion of DARPA insights on tech trends.</td>
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<tr>
<td>13</td>
<td>04:30-05:00</td>
<td>Special Presentation Ford Motor Company</td>
<td>Emerging technologies will have dramatic impact on the life of the city’s citizens. The conflict between convenience vs. privacy and security must be addressed. This segment outlines emerging technologies and their implications.</td>
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<tr>
<td>14</td>
<td>05:05-06:00</td>
<td>Autonomous Vehicles</td>
<td>Overview and discussion of DARPA insights on tech trends.</td>
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<td>15</td>
<td>06:00-07:30</td>
<td>Venture and Early Stage Funding for Digital Cities</td>
<td>Overview of the role of analytics in a sensor-rich environment for adaptive resource allocation and planning.</td>
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<td>16</td>
<td>07:30:00</td>
<td>Cocktails, Small Buffet and Networking</td>
<td>Set a vision on how technology can enhance the sustainable living in digital cities.</td>
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### Tuesday, October 4, 2016

#### Recap Day 1 highlights, review Day 2 agenda, and offer some thoughts on what attendees should take away.

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<td>08:00-08:15</td>
<td>Introduction to Day 2</td>
<td>Recap Day 1 highlights, review Day 2 agenda, and offer some thoughts on what attendees should take away.</td>
<td>Ray Levitt, Stanford University</td>
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#### Keynote Speaker: Transforming The Urban Experience

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<td>08:15-09:00</td>
<td>Keynote Speaker: Transforming The Urban Experience</td>
<td>How cities of the future will be different when they become natively digital.</td>
<td>KEYNOTE SPEAKER: Steve Hoover, CEO, PARC</td>
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#### Luncheon Keynote: Personal Experience in a Connected World

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<td>Luncheon Keynote: Personal Experience in a Connected World</td>
<td>Media influences on consumers’ adoption of digital cities innovations.</td>
<td>Byron Reeves, Stanford</td>
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### Tuesday, October 4, 2016 continued

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<td>09:45-10:15</td>
<td>Urban Institutions and Sectors: Re-imagine</td>
<td>Set awareness of how cities like London are setting up frameworks for managing digital cities.</td>
<td>PANEL FACILITATOR: David Gann, Chairman, Smart London Board Andrew Collinge, London Data Store Mike Short, Telefonica, London Driverless Cars</td>
</tr>
<tr>
<td>10:15-11:30</td>
<td>Digital Cities, Communities and Urban Living</td>
<td>Overview of interdependencies of digital urban technologies and human-community behavior.</td>
<td>PANEL FACILITATOR: Martha Russell, Executive Director, Stanford mediaX Young Bang, SVP Booz Allen Hamilton Mike Lepech, Assoc. Prof., Research, Stanford Brooks Patrick, Account Executive, ESRI</td>
</tr>
<tr>
<td>11:30-12:15</td>
<td>Spotlight on Digital Transportation</td>
<td>The convergence of road, rail, air, and sea transportation. (Ted Talk format)</td>
<td>PANEL FACILITATOR: Brian Seda, Consulting Professor, Stanford; former Bechtel Partner Ricardo Sanchez, Technical Director North America, Centra Mark Thomas, Client Director, Cisco Steve Riano, Global Airport Design Technical Expert, Bechtel Kim Wikström, Director, Rebus Program, Finland</td>
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#### Keynote Speaker: Transforming The Urban Experience

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<td>Break</td>
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#### Commercial Opportunities and Business Models

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<td>02:00-03:00</td>
<td>Commercial Opportunities and Business Models</td>
<td>Create awareness of the role emerging technologies and big data can play in driving new market opportunities for commercialization. Showcase examples of new business models for digital cities.</td>
<td>PANEL FACILITATOR: Maria Sendra, Shareholder, GreenbergTraurig, LLP; David Wilson, Deputy Chief Innovation Officer, Bechtel Mark Goodman, Dir. Innovation, Beasley, Lloyd's of London Peter Burggraf, University of Aachen, Germany Doug Davenport, CEO, ProspectSV</td>
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#### Conclusion & Adjournment

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<td>04:30-5:15</td>
<td>Break</td>
<td>The world is changing fast and there are proven methods of how we can innovate across industry.</td>
<td>Markus Larsson, VP GBO, PARC</td>
</tr>
<tr>
<td>04:00-04:30</td>
<td>Commercializing Digital Urbanization</td>
<td>How to we set upon a path to commercialization?</td>
<td>Michael Steep, Visiting Scholar, Stanford</td>
</tr>
<tr>
<td>04:30-5:15</td>
<td>Conclusion &amp; Adjournment</td>
<td>Key learnings from the last two days. Next steps.</td>
<td>Michael Steep, Visiting Scholar, Stanford Ray Levitt, Professor, Stanford University David Gann, Chairman, Smart London Board Michael Farber, SIA and Former EVP, Booz Allen Hamilton</td>
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Furthermore, Peter is in charge of for a very close and successful cooperation with China.

ventures. Best known for her research on personal information management and task management, Dr. Bellotti has more recently been focusing and strategic investment targeting program, to assist clients in identifying the best direction to move with new technology-centered business fields and helps scientific and engineering professionals of Asian heritage achieve their full potential. Additionally, he is a member of the Executive Steering Committee for Booz Allen’s Asian Agenda. He is also a Board Member for Jool Health and teaches an undergraduate course in Health IT at Georgetown.

Young Bang

Booz Allen Hamilton Senior Vice President Young J. Bang is a leader in the firm’s NextGen Analytics business within the Strategic Innovation Group (SIG). In this role, he leads the NextGen Analytics initiative, focused on developing and scaling Big Data solutions and Advanced Predictive Analytics capabilities. Mr. Bang drives the vision, strategy, investments, and delivery of NextGen Analytics across Defense and Intelligence Markets. He also provided leadership to Epidemico, a wholly owned subsidiary to Booz Allen. He is a recognized expert in Data Science, technology strategy, architecture and design, systems development and health information technology. Prior to assuming a leadership role in NextGen Analytics, Mr. Bang was a leader in the firm’s health IT business where he provided leadership support to drive the growth of the firm’s Health and IT business supporting clients including the Departments of Veterans Affairs and Health and Human Services (ODC, NIH, FDA and HHS HQ). Previously he provided IT leadership to clients in the HHS, Army, DoA, and other DoD Agencies. Mr. Bang is on the Board of Directors for the Society of Asian Scientists and Engineers (SASE). SASE is a nonprofit organization that promotes the influence of Asians in science, technology, engineering, and mathematics and helps professionals from all fields and origins of Asian heritage achieve their full potential. Additionally, he is a member of the Executive Steering Committee for Booz Allen’s Asian Agenda.

Victoria Bellotti

Victoria Bellotti is a Research Fellow at PARC, a member of the ACM SIGCHI Academy, an adjunct professor in the Jack Backen School of Engineering at UCSB, and an occasional advisor to start-ups. She studies people in their natural habitats to understand the conditions that foster innovation, and designs and analyzes human-centered systems, focusing on user experience. When PARC spun out of Xerox, she developed PARC’s Opportunity Discovery research model to explore the opportunities that could result from, and drive forward, scientific and strategic innovation. She is currently focusing on identifying the best direction to move with new technology-centered business ventures. Best known for her research on personal information management and task management, Dr. Bellotti has more recently been focusing on user-centered design of context- and activity-aware computing systems, the gig economy, behavior change and persuasive computing. Her previous work at London University, United Kingdom, The British Government’s Department of Trade and Industry, EuroPARC, and Apple encompasses domains such as transportation, process control, computer-mediated communication, collaboration, and ubiquitous computing.

Jean-Claude Beneventi

Jean-Claude Beneventi has extensive technology experience in enterprise security and the mobile space. Previously with Symantec Corporation for 11 years as Director of Global Business Development & Strategic Alliances, Jean-Claude led various business expansion efforts to support numerous enterprise business units from backup to security as well as mobility/sIOT solutions within the broader mobile ecosystem (handset manufacturers, OEs, chipset vendors, carriers and iTV) with focus on helping enterprises embrace mobility to drive productivity without compromising protection. Jean-Claude played a key role in helping Symantec’s enterprise mobility team define a cohesive strategy from the ground up resulting in the acquisitions of Odyssey Software (MDM), Nokona (IMM) and NitroDesk (Mobile Email Container) forming the basis behind Symantec’s enterprise mobility offering. Prior to Symantec, Jean-Claude held leadership roles at Peregrine Systems (acquired by HP), Gateway Computers, ENCAD (acquired by Kodak) as well as Pilkington Group (acquired by Novartis).

Zachary Bookman

Before co- founding Opentier, Zac served as Advisor to U.S. Army General H.R. McMaster on the Transparency task force at the Dept. of Defense on the Acquisition, Logistics and Management mitigation task force. He previously practiced at Sidley Austin and led a team of over 100 attorneys and staff to produce a bill of nearly $800 million in 2016. As a law clerk to the Honorable Sandra S. Ikuta on the U.S. Court of Appeals for the Ninth Circuit. As a Fulbright Fellow, he also studied in Argentina. Zac holds a JD from the Yale Law School, an MPA from the Harvard Kennedy School, and a BA from the University of Maryland.

Peter Burgrüff

Peter Burgrüff is chief engineer of the department for production management at the WZL of Aachen University. Aachen University is one of the most renowned universities on the field of engineering and the WZL has a worldwide reputation for its successful and trend-setting research and innovation on the field of production engineering. In his research Peter focuses on factory design, organizational configuration and the factory of the future. His consulting focus lies on the development and realization of production systems, green and brown filed factories as well as the integrative development of products and manufacturing. On top of his university duties Peter is also CEO of the Zentrum für Forschung und Entwicklung (ZFE) in Aachen, Germany. Peter has received several national and international awards and honors for his work. Peter is in charge of a very close and successful cooperation with China.
Persis S. Drell is the Frederick Emmons Terman Dean of the Stanford School of Engineering and professor of Materials Science and Engineering at Stanford University. Prior to assuming the post of dean in September 2014, Drell was the Director of SLAC National Accelerator Laboratory from 2007 to 2013. His academic research spans strategy, management science and engineering with a strong focus on organizational behavior, learning and performance science, and data analytics. He is a member of the American Academy of Arts and Sciences, and a fellow of the American Physical Society. He has been the recipient of a Guggenheim Fellowship and a National Science Foundation Presidential Young Investigator Award.

Mark Goodman
Mark Goodman is Head of Beazley’s Corporate Development team. Beazley plc is the parent company of specialist insurance businesses operating in businesses, Europe, Latin America, Asia, Middle East and Australia. Beazley manages six Lloyd’s of London insurance syndicates and, in 2015, underwrote gross premiums worldwide of over $2 billion. He partners with brokers and insurers to develop and distribute innovative products that meet the changing needs of clients, who range from Global 100 companies to mid-sized and small companies and individuals. The Corporate Development team leads Beazley’s innovation and product development activity, as well as working with the Executive directors to research and set strategy and business plans. Our internal Blive app helps employees identify and refine ideas to create new products or improve our processes. One of the innovations that Beazley is well known for is our Beazley Breach Response product that protects companies from the risks associated with data breach. Mark has over 20 years’ experience in strategy development and change management. Mark joined Beazley in 2008 and had previously consulted to the insurance and banking industries, and the not for profit sector.

Stephen Hoover
Stephen Hoover is CEO of PARC, a Xerox company, which is in “the business of breakthroughs”. Hoover joined PARC in 2011. Practicing open innovation since being incorporated in 2002, PARC today provides custom R&D services, technology, specialized expertise, best practices, and intellectual property to Fortune 500 and Global 100 companies, startups, and government. Hoover oversees PARC’s work for clients in diverse focus areas and competencies including networking, novel electronics, human-centered innovation services, cleantech, intelligent systems, contextual intelligence, and more. Dr. Hoover earned his Ph.D. and M.S. in Mechanical Engineering from Carnegie Mellon University, B.S. from Cornell University, and is a fellow of the National Academy of Inventors. He is a member of the board of the Robotics Institute and was a member of the DARPA Computer Science Study Task Force; and is a regional Board Member of FIRST Robotics, an organization which inspires young science, technology, and engineering leaders through mentor-based programs.

Kevin Fan Hsu
Kevin Fan Hsu is a scientist with Disney Research and Lecturer in Urban Studies at Stanford University. He explores the interplay of urban infrastructure and the environment for the urban systems, to promote heritage protection and cultural activities. He is currently working on the system for urban design and sustainability in China. His research interests are in the areas of urban systems, economics and social science. He is a member of the National Academy of Engineering.

Mark Z. Jacobson
Mark Z. Jacobson is Director of the Atmosphere/Energy Program and Professor of Civil and Environmental Engineering at Stanford University. He is also a Senior Fellow of the Woods Institute for the Environment and of the Precourt Institute for Energy. He received a B.S. in Civil Engineering, an A.B. in Economics, and an M.S. in Environmental Engineering from Stanford in 1988. He received an M.S. and Ph.D in Atmospheric Sciences in 1991 and 1994, respectively, from UCLA and joined the faculty at Stanford in 1994. He has published two textbooks of 400 journal articles. He received the 2005 AMS Henry G. Houghton Award and the 2013 AGU Ascent Award for his work on black carbon climate impacts and the 2013 Global Green Policy Design Award for developing state and country energy plans. In 2015, he received a Gazzelli Prize from the Proceedings of the National Academy of Sciences for his work on long-term integration of 100% wind, water and solar energy systems. He also chairs the National Science Board task force on climate change, chaired the Scientific Committee on Antarctic Research, and chaired the Interagency Working Group on Geosciences for the U.S. Secretary of Energy, appeared in a TED talk, appeared on the David Letterman Show to discuss converting the world to clean energy, and co-founded The Solutions Project (www.thesolutionsproject.org).

David Gann
David Gann is Imperial College’s Vice President, leading Innovation. He is a member of the College’s Executive Board. David is an accomplished university leader, strategist and advocate, renowned for his work on innovation, entrepreneurship and knowledge transfer. Prior to his time at Imperial, he was a research director at DLA Piper. Before that, he was Director of the Management Studies Centre at the University of Bath. He has a PhD in Economics and is a leading expert on innovation, knowledge transfer and entrepreneurship. He has published extensively, advised companies, governments and non-governmental organizations, and serves on committees in the US, UK and EU. His book on innovation and entrepreneurship is translated into 20 languages. He has also co-founded the UK’s leading innovation consultancy. David is a member of the Global Board of Advisors of the World Economic Forum and is a non-executive director of the Global Business Network. He is a Trustee of the Nuffield Foundation and co-founder of the RSA’s Innovation Network. He serves on the Council of Rotherham College and is a Trustee of the University of Greenwich. He is on the board of governors of the Fashion Retailer’s Foundation. He is a member of the judging panel of the MWC Innovation Awards and was awarded the BCS DAMS Henley Prize in 2012 for his work on early stage technology. He is a non-executive director of the London business school, a director of the Entrepreneurial Network of Universities and a Trustee of the Social Innovation Network. He is a member of the judging panel of the MWC Innovation Awards and was awarded the BCS DAMS Henley Prize in 2012 for his work on early stage technology. He is a non-executive director of the London business school, a director of the Entrepreneurial Network of Universities and a Trustee of the Social Innovation Network.
Raj Kapoor

Raj is a serial entrepreneur, recovering Managing Partner, VC, Internet industry vet, and late night singer in a techo rockband called CofferWorx. He is now splitting his time as an advisor to ClassPass, NRF Group, and Mayfield Fund while also exploring the startup ecosystem, investing in Web and mobile startups, and serving on the boards of venture capital companies. Most recently in 2013, Raj created and was co-founder/CEO of fitmob - the vision was to bring the on demand economy to fitness and create the worlds largest network of pop up exercise centered around the top fitness trainers & real estate. In may 2013, he combined fitmob with ClassPass to create the world's largest fitness marketplace - 4 countries, 39 cities, and over $15MM annual revenue run rate. ClassPass/fitmob have redefined fitness connecting consumers with the best studios and gym in their area. From 2005 to 2012, he was a Managing Director at venture capital fund Mayfield where he invested in 14 companies across marketplaces, online advertising, e-commerce, mobile, consumer internet/digital media and B2B internet segments including Clutch, Trulia, Red Robin, Five Stars, Moat, and others. His track record is currently over $5x net return of invested capital. Prior to joining Mayfield, Raj was co-founder and CEO of Snapfish, a leading global online photo service which at peak reached over 100M users and exceeded $300MM in revenue. Raj orchestrated the successful sale of Snapfish to Hewlett-Packard in March 2005 for $300M.

Elliot Katz

Elliot Katz is Global Co-Chair of DLA Piper’s Connected and Self-Driving Car Practice. In that role, Elliot advises automakers, tech companies, and municipalities on the legal, regulatory, and technological challenges presented by self-driving vehicles, compliance with state, federal, and local laws, privacy laws and guidelines, and emerging technology. Elliot’s practice is a recognized leader with respect to the use and connection of mobile applications. Elliot regularly speaks and writes on emerging privacy and data protection issues, the connection in the self-driving and connected car space, and is often approached by the media to discuss these issues. Recently, Elliot has been quoted in articles on this topic by media outlets such as Yahoo Finance, Law360, and eSecurity Planet. Elliot received his J. D. from Cornell Law School, and his B.S., summa cum laude, from Vanderbilt University.

Gregory A. Kelly

Gregory A. Kelly is one of eight members of WJP | Parsons Brinckerhoff’s Senior Executive Team responsible for global operations, policy direction and for an engineering and professional services organization of 34,000 employees in more than 500 offices in 40 countries. As president and chief executive officer of the U.S., Central and South America region of WJP | Parsons Brinckerhoff, Mr. Kelly directs the operations of the firm in the United States, Central and South America, overseeing a workforce of 7,500 employees and nearly $1.8 billion in annual revenue. The firm is active on hundreds of projects in the region, across the transportation & infrastructure, buildings, industrial & energy, and environment sectors. Active in the infrastructure services industry, Mr. Kelly frequently speaks on emerging trends and issues that impact the building industry around the world. Mr. Kelly has served as the chairman of the executive board of the Construction Industry Institute (CII) and a member of the board of directors of the Construction Industry Institute (CII) and a member of The Moles, a prestigious organization in the heavy construction industry. He is the executive committee of the Design Professionals Coalition and a Board member of the Association for the Improvement of America's Infrastructure (AIA).

Anne Kiremidjian

Anne Kiremidjian is a Professor in Civil and Environmental Engineering at Stanford University. Her current research focuses on the development of new integrated and sustainable wastewater systems for structural and bridge engineering applications, with the goal of developing robust algorithms for structural damage diagnosis that can be embedded in wireless sensing units. She works on structural component and systems reliability methods; structural damage evaluation models; and regional damage, loss and casualty estimation methods, utilizing geographic information and database management systems for portfolios of buildings or spatially distributed lifeline systems assessment with ground motion and structure correlations.

Matthew Klenk

Matthew Klenk leads the Urban Mobility project in PARC's System Sciences Lab. In this role, Matt defines key technical challenges and provides a bridge between emerging transportation trends and technologies and Xerox's transportation business. Matt is the Principle Investigator of PARC's ARPA-e funded TRANSMET project that seeks to reduce city wide energy use through personalized messaging and detailed energy modeling. With over 10 years of Artificial Intelligence experience, Matt's contributions include new methods for collaboration between autonomous agents, generating human-like behavior in training simulations, spatial pattern recognition methods, and environmental modeling techniques that provide the data foundation of Xerox's cloud-based services. Matt has published over 40 peer-reviewed articles and papers in leading journals and conferences in his field, and regularly serves in organizational leadership roles for several professional societies.

Apu Kumar

Apu has extensive experience in technology management and mobile analytics and cloud services. As the founder and CEO of LotaData, an alternative data company focused on location insights, machine learning, and deep data science, Apu is bringing “people intelligence” to the public and private sectors. Prior to LotaData, Apu was VP of Business Development at LiveStax, a powerful platform for cloud gaming. Apu has also held senior leadership roles at iconic technology brands like Hewlett Packard, Phoenix Technologies (acquired by HP), CNET.com and mySimon (acquired by CNET). Apu has a Master's degree in Engineering from Stanford University and a Bachelor's degree in Engineering from the University of Mumbai.

Raj Kulkarni

Raj Kulkarni is Professor in Civil and Environmental Engineering at Stanford University. His current research focuses on the development of new integrated and sustainable wastewater systems for structural and bridge engineering applications, with the goal of developing robust algorithms for structural damage diagnosis that can be embedded in wireless sensing units. He works on structural component and systems reliability methods; structural damage evaluation models; and regional damage, loss and casualty estimation methods, utilizing geographic information and database management systems for portfolios of buildings or spatially distributed lifeline systems assessment with ground motion and structure correlations.

Robert Spinrad

Robert Spinrad is the President and CEO of The Planetary Society. He served as the 10th Director of the NASA Ames Research Center from 2006 to 2012. During his tenure, he doubled the funding for research and exploration from $350M to $700M, while increasing the number of employees from 900 to 1500. He oversaw expansion of the Ames Research Center Campus in Silicon Valley and led the construction of the new $140M NASA Advanced Supercomputing Facility. Spinrad is an advocate for space research and explains the benefits of space science research and engineering capabilities to the public, policymakers, and the science and engineering professional community. He received a Bachelor of Science degree in Electrical Engineering from Stanford University and a Master of Business Administration from the University of California, Los Angeles. Dr. Spinrad is a member of a number of scientific organizations, including the American Astronomical Society and the American Physical Society.

Tocha Kurtoglu

Tocha Kurtoglu is Vice President and Director of the System Sciences Lab (SSL) at PARC. Research in SSL focuses on artificial intelligence, machine learning, collaboration, planning, optimization, and high performance analytics for a variety of cyber-physical systems. Applications serving Product Lifecycle Management (PLM), CAD/CAM, Transportation, Energy, and Aerospace and Defense sectors. Tocha leads the SSL team to create innovation and enterprise level business impact by applying leading edge scientific and technical solutions to solve complex real-world problems. He has served in various leadership roles at PARC focusing on product strategy, business development, managing and growing the System Sciences Lab, and leading large-scale computing systems and software systems and services. Prior to his work with PARC, he worked as a researcher at NASA Ames Research Center and as a mechanical design engineer and group lead at Dell Corporation. Tocha’s own research focuses on computation and AI applied to design and manufacturing of complex systems, machine learning and natural software with a focus on enabling applications to be created using emerging AI technologies.

Markus Larsson

Markus Larsson is Vice President, Global Business Operations, and is responsible for the development, integration and implementation of The Company’s commercial growth strategies. He combines his understanding of technology, innovation practices, IP, and licensing, with PARC’s unique business model to meet individual client needs in the private sector. PARC’s extensive commercial, government and academic portfolio shows the Company’s ability to partner with a variety of organizations to offer new or improved technology solutions and products, whether it be in the area of machine learning, security, manufacturing, energy, and more. Markus and his team are responsible for the management and development of complex business relationships with key clients and all facets of PARC’s technology and IP licensing business to continue PARC’s innovation and R&D center. Prior to PARC, Markus worked as an intellectual capital management business analyst. He joined PARC’s intellectual capital management team as a Senior Research Analyst in 2004 with a focus on investing in research and development. In 2009, Markus joined PARC as the intellectual capital management business analyst. Markus earned his M.S. in Intellectual Capital Management and B.S. in Industrial Engineering and Management from Chalmers University of Technology in Gothenburg, Sweden.

Michael Lepech

Professor Lepech's research focuses on the integration of sustainability indicators into engineering design, ranging from materials design, structural design, system design, to operations management. Such sustainability indicators include a comprehensive set of environmental, economic, and social costs. Recently his research has focused on the design of sustainable high performance fiber-reinforced composites (HPFRCs) and fiber-reinforced polymers (FRPs), the impacts of sustainable materials on building and infrastructure design and operation, and the development of new life cycle assessment (LCA) applications for building systems, transportation systems, water systems, consumer products. Along with this he is studying the effects that slowly diffusing sustainable civil infrastructure innovations, and the social networks they diffuse through, can have on achieving long term sustainability goals.

Raymond Levitt

Dr. Raymond Levitt earned his BSE at Wiltshirersand University and his MSc and Ph.D at Stanford University. He served on the MIT CE faculty from 1975-80 before moving to Stanford in 1980. Ray teaches undergraduate, graduate and executive education classes in infrastructure, organization design and governance for development of capital facilities and other project-based endeavors. Ray’s Virtual Design Team (VDT) research group has developed new organization and theory and computer simulation tools to optimize the execution of complex, fast-track, projects and programs. His current research focuses on leadership and public-private partnerships for development and delivery of infrastructure services. In 1988, he co-founded and was the initial Director of Stanford’s Center for Integrated Facility Engineering. He founded, and serves as Academic Director of Stanford’s Advanced Project Management Executive Program and The Collaboratory for Research on Global Projects. The SAPM program now has more than 2500 alumni and is recognized internationally as the premier executive program for strategic project and portfolio management. Ray has supervised dozens of dissertations, written more than 100 scholarly papers, launched two major research centers and three software companies. He was elected to the rank of Distinguished Member of ASCE in 2008. In 2009, Governor Schwarzenegger appointed Dr. Levitt as one of the initial commissioners for the State of California’s Private Infrastructure Advisory Commission.

Pierre Mailiot

Pierre Mailiot acts as Senior Technical Advisor, for the Bosch Group. Currently he is focused on strategizing and implementing Bosch technologies in a smart community development in San Francisco, managed by FivePoint - the largest developer of mixed-use communities in coastal California. For the last 4 years, Pierre has been a pioneer in the Bosch smart city initiative by leveraging the potential of “Internet of Things” in urban environments. Pierre holds a master degree in mechanical engineering, and a special degree in technology and international business development, which led him to take several management positions in Europe, Asia and now North America.
Angela M. Messer

Angela Messer leads Booz Allen's Cyber Futures business as the Innovation Service Officer (ISO) as well as the Cyber Functional Service Officer (FSO) in Booz Allen’s Strategic Innovation Group. As the Cyber ISO, she leads teams of cyber analysts, incident responders, data scientists, intelligence experts, and behavior analysts, advising advanced technology employers on strategy, development, and deployment. She also serves on the advisory board of a number of technology ventures, as well as on boards of directors and strategic advisory boards of cybersecurity firms. She received her Ph.D. in Operations Research and Energy Economics from Stanford University.

Jay Mezher

Jay Mezher, AIA, serves as the Director of Virtual Design & Construction at WSP|Parsons Brinckerhoff. A recognized expert in digital design technologies, he is frequently called upon to contribute as an expert on VDC/BIM by publishers like McGraw-Hill and his work is often showcased in keynote presentations at leading industry conferences. An advocate for including VDC/BIM as much a part of the project development as any other project activity, Mezher has implemented all aspects of the 3D modeling lifecycle process from early planning through construction on a large number of infrastructure projects for the past 16 years, both nationally and internationally. His work encompasses 3D modeling, simulation, visualization, Reality Capture and LiDAR, BIM and model based design, 4D modeling and 5D modeling (4D plus cost and risk information). Mezher's most significant projects include the SR 95 Deep Bore Tunnels, East Side Access project, JFK Airport Bridge, the Second Midtown Tunnel, and the Bayonne Bridge.

Pedram Mohrani

Pedram Mohrani is a recognized expert in innovation and strategy in high tech ventures and is drawn to disruptive opportunities in digital cities, data analytics, and the internet of things (IoT). He is a lecturer at Stanford University and the Haas School of business at UC Berkeley where he teaches entrepreneurship and innovation strategy for graduate students and executive education programs for a wide range of national and international multi-billion dollar enterprises. He is a mentor to a number of start-up incubators and serves on the advisory boards of numerous private companies. He was previously a Principal at Mayfield, one of the most successful venture capital firms in Silicon Valley, and a Research Scientist at Stanford University. He received his Ph.D. from Stanford University with a focus on Operations Research and Energy Economics, and during his tenure was involved with the founding of the Precourt Institute for Energy Efficiency.

Ashby Monk

Ashby Monk is the Executive and Research Director of the Stanford Global Projects Center. He is also a Senior Research Associate at the University of Oxford and a Senior Advisor to the Chief Investment Officer of the University of California. Dr. Monk has a strong track record of academic and industry publications. He was named by aiCIO magazine as one of the most influential individuals in the industry. He was also named to the list of 2010 by EF Academy Global, a leading education program for a wide range of national and international multi-billion dollar enterprises. He is a mentor to a number of start-up incubators and serves on the advisory boards of numerous private companies. He was previously a Principal at Mayfield, one of the most successful venture capital firms in Silicon Valley, and a Research Scientist at Stanford University. He received his Ph.D. from Stanford University with a focus on Operations Research and Energy Economics, and during his tenure was involved with the founding of the Precourt Institute for Energy Efficiency.

Brooks Patrick

Brooks Patrick is ESRi Account Executive. He is a landscape architect, 3D technology evangelist and GIS specialist at the Environmental Systems Research Institute (ESRI) helping individuals, teams, and organizations take advantage of 3D GIS and procedural modeling for City Planning, Urban Design, and Game Development. In this role, Brooks leads a highly collaborative team that develops innovative approaches that integrate Esri's core competencies in real-time big data and geographic urban analysis with the design of the built environment. Most recently he has been involved in the implementation of city planning solutions that streamline project delivery and improve digital twin adoption. Formerly a Senior Environmental Planner with the City of Atlanta, Brooks used his experience making powerful analytical tools easy to use and accessible for planning and design professionals who have little to no background in GIS.

Marco Pavone

Marco Pavone is an Assistant Professor of Aeronautics and Astronautics at Stanford University, where he is the Director of the Autonomous Systems Laboratory. Before joining Stanford, he was a Research Technologist within the Robotics Section at the NASA Jet Propulsion Laboratory. He received a Ph.D. degree in Aeronautics and Astronautics from the Massachusetts Institute of Technology in 2010. His main research interests are in the development of methodologies for the analysis, design, and control of autonomous systems, with an emphasis on large-scale robotic networks and autonomous aerospace vehicles. He is a recipient of an NSF CAREER Award, a NASA Early Career Faculty Award, a Hellman Faculty Scholar Award, and was named NASA NAIAC Fellow in 2011. His work has been recognized with best paper nominations or awards at the Field and Service Robotics Conference (2015), at the Robotics: Science and Systems Conference (2014), and at NASA symposia (2015). He is currently serving as an Associate Editor for the IEEE Control Systems Magazine.

Brian Pierce

Dr. Brian Pierce is the Deputy Director of DARPA’s Information Innovation Office (I2O). This is Dr. Pierce’s second tour at the agency, having served as the Deputy Director of the Strategic Technology Office from 2005 to 2010. Dr. Pierce has almost 30 years of experience in government, industry, academia, research, and development. During his time at DARPA, he was a technical director in Space and Airborne Systems at the Raytheon Company. From 2002-2005, he was executive director of the Electronics Division at Rockwell Scientific Company in Thousand Oaks, California. From 1993 to 2002, he held various engineering positions at Hughes Aircraft Company and Raytheon in southern California. Dr. Pierce earned a Doctor of Philosophy degree in chemistry, a Master of Science degree in chemistry and a Bachelor of Science degree in chemistry and mathematics from the University of California at Riverside. He has more than 20 U.S. patents.

John Polak

Professor John Polak is Professor of Transport Demand and Director of the Urban Systems Laboratory, Imperial College London and Honorary Professor of Intelligent Transport Systems at South East University in Nanjing, China. Prior to establishing the Urban Systems Laboratory, he was Director of the Centre for Transport Studies and Director of Research in the Department of Civil and Environmental Engineering at Imperial. Professor Polak is a mathematician by background with over 30 years experience in transport research, specialising in the areas of mathematical and statistical transport modelling and analysis. He is a member of the Mayor of London’s Smart London Board, a Member of the Department for Transport’s Strategic Roads Reform Expert Group and a Member of the British Standards Institute Advisory Committee on Smart Cities Standards. He is a past President of the International Association for Travel Behaviour Research and a past Council Member of the Association for European Transport and a member of a number of TRL Committees and serves on the editorial advisory boards of a number of leading international journals. He has served as an advisor to central and local government and industry on a wide range of transport issues, both in the UK and overseas. Professor Polak has been in the forefront of innovative transport research and technology development for a number of years and has made a significant contribution to customer and demand modelling, network performance estimation, network control and traffic management and intelligent transport systems. Much of his recent research has been concerned with the collection, analysis and interpretation of very large scale real-time datasets related to operational, behavioural, attitudinal and environmental aspects of urban infrastructure systems and services.

Adam Porter-Price

Adam Porter-Price leads the Futures function within Booz Allen’s Strategic Innovation Group. In this role, he provides a data-driven perspective on emerging political, economic, social, technological, demographic, and environmental trends that will have a profound impact on business, government, and society. In his prior consulting work, Adam led complex strategic engagements for clients across the public, private, and social sectors with clients from the UK for a number of years and has a broad experience developing business strategies, network performance estimation, and related research. Adam's strategic research has been leveraged to inform a range of successful engagements, including the development of the company’s new Data and Technology Strategy, as well as leading the development of the company’s next-generation Cyber Futures business. He has been recognized with best paper nominations or awards at the Field and Service Robotics Conference (2015), at the Robotics: Science and Systems Conference (2014), and at NASA symposia (2015). He is currently serving as an Associate Editor for the IEEE Control Systems Magazine.

Tara Prakriya

Tara Prakriya is Chief Product Officer at Maara. She spearheads product strategy and direction. Tara’s background includes 15 years at Microsoft, holding various roles, including Partner General Manager of Technical Strategy reporting to the CTO, Product Unit Manager of the Tablet PC Group in Windows, and Product Unit Manager of the enterprise and content management teams in MSN, and the Group Program Manager for IIDS, the first large scale data warehouse for consumer web activity for the worldwide MSN network. Prior to joining Microsoft, Tara was General Manager of the Business Solutions & Strategy group at宝来银行. She has been in leadership roles at companies like Criteo and Brocade, and in product management roles inside Yahoo and Google. Tara holds an M.B.A. in Finance and a Bachelor of Business Administration in Computer Science. She holds multiple patents related to web advertising, data, digital ink, and other technologies.
Mark Radcliffe
Mark Radcliffe is a senior partner who practices corporate securities and intellectual property law at DLA Piper. DLA Piper has over 4200 lawyers in more than 30 countries and 80 cities. He has earned a B.S. in Chemistry magna cum laude from the University of Arizona and a J.D. from Harvard Law School. Mr. Radcliffe’s practice focuses on representing corporations in their intellectual property and finance matters. He has worked with many companies on their IoT matters, from traditional software companies to insurance companies and other non-technology companies. He is the Co-Chair of the IoT Group. DLA Piper’s global platform is particularly well suited to assist in developing and marketing IoT products and services because DLA Piper has the international reach and the different legal specialities needed in IoT. He has been at the forefront of new legal issues for over 20 years. He designed the domain dispute resolution system in 1994 for Network Solutions, Inc. which continues to be the basis for the current domain dispute resolution system. And he assisted Sun Microsystems in developing the Solaris operating system at the Center for Internet Innovation where he led the negotiation of the Open Stack Foundation in reviewing GPLv3 and was the lead drafter for Project Harmony. In 2012, he became outside general counsel of the Open Stack Foundation and drafted their corporate formation documents.

Byron Reeves
Byron Reeves is the Paul C. Edwards Professor of Communication at Stanford. He teaches courses in mass communication theory and research, with particular emphasis on psychological processing of interactive media. His research includes message processing, social cognition, and social media responses, and also has been published in books of collected studies as well as such journals as Human Communication Research, Journal of Social Issues, Journal of Broadcasting, and Journalism Quarterly. He is co-author of The Media Equation: How People Treat Computers, Television, and New Media Like Real People and Places (Cambridge University Press). His research has been the basis for a number of new media products for such companies as Microsoft, IBM, and Hewlett Packard, in the areas of voice interfaces, automated dialogue systems and conversational agents. He is currently working on the applications of multi-player game technology to learning and the conduct of serious work.

Steve Riano
Steve Riano is Bechtel’s Global Airport Design Technical Expert based in the company’s corporate headquarters in San Francisco, CA, USA. Mr. Riano previously served as Bechtel’s Aviation Practice Lead where he managed a technical support group of airport planners, architects and engineers. Mr. Riano has served as strategic planning manager for Gatwick Airport in London, UK and the New Tokyo International Airport in Narita, Japan; master planner manager for Sharjah International Airport in Sharjah, UAE and Perth International Airport in Perth, Australia; and passenger terminal concept design manager for Hamad International Airport in Doha, Qatar, Jorge Chavez International Airport in Lima, Peru and Curacao International Airport in Curacao, Kingdom of the Netherlands. Mr. Riano also worked on the design of the new Shanghai International Airport in China to develop a large airport; to develop the general aviation airport; and to develop the Honolulu International Airport in Hawaii, USA. Mr. Riano is a registered professional engineer in California and Brazil to develop a large airport; to develop the general aviation airport; and to develop the Honolulu International Airport in Hawaii, USA. Mr. Riano is a registered professional engineer in California and Brazil.

Martha G. Russell
Martha G. Russell is Senior Research Scholar in Stanford’s Human Sciences and Technology Advanced Research (H*STAR) Institute and Executive Director of medaLab at Stanford University. With a focus on shared vision from interdisciplinary insights, Martha has developed technology-based consortia programs and planning/evaluation systems for ecosystem development in areas as diverse as health and education; she has led public and open source data services and tracking the evolution of innovation ecosystems in ICT, digital media, urban technologies, and learning environments, and school programs, and green tech. She has applied insights about relational capital and decision analytics to corporate, regional and national challenges. Martha has a doctorate in Policy Analysis focused on Technology Transfer from the University of Minnesota, and a B.A. from the University of California at Santa Barbara. She serves on the advisory boards of the Journal of Technology Forecasting and Social Change and the Journal of Enterprise Transformation; she advises several startup companies.

Rob Ruyak
Rob leads Boeing Allen’s Edge Technologies capability focused on partnering and investing in small and mid-sized companies. Rob’s goal is to help start-ups that can help solve the firm’s most difficult client problems. As part of the Strategic Innovation Group, Rob’s team focuses on creating new ways to engage the most innovative technologies and businesses for the firm’s core growth platforms around cybersecurity, engineering, data science, and systems development. Prior to joining Boeing, Rob spent five years at Booz & Company developing business and technology strategies for commercial clients in the Energy & Utilities, Consumer Media, and Healthcare markets. Prior to consulting, he spent 7 years developing and designing software products at Sun Microsystems in Santa Clara, CA. Rob has an M.B.A. from the University of Maryland Robert H. Smith School of Business and a B.A. in Economics from Georgetown University.

Ricardo Sanchez Gomez
Ricardo Sanchez holds a M.S. degree in Civil Engineering from the Polytechnic University of Madrid (Spain). He has over 15 years experience in transportation engineering focused on analyzing traffic and revenue for toll road projects. Since 2002 he has worked with Citrina initially as responsible for managing the preparation of traffic and revenue forecasts for existing and new toll roads. Following the launching of the A10 at Apple launched in 2003, Ricardo helped launch the A40 at Citrina in 2007. In 2008 he joined the department of Operations Department. He manages a team of highly qualified professionals preparing feasibility analysis toll projects in the Iberian Peninsula and Spain, and provides support to Citrina toll road projects in North America on Operations and Maintenance, Design and Construction, Pricing, Traffic and Revenue Management, and technical assistance. He has two children and resides in Austin, Texas.

Brian Sedar
Brian recently joined Stanford’s faculty from Bechtel, bringing 35 years of industry experience in EPC project controls, procurement, project development, construction, project management and operations. As a Bechtel Partner, he was Project Director for the successful construction of its signature international transport infrastructure projects: Led project and construction management of the new $1.5billion Hamad International Airport in Qatar with a construction workforce that peaked at over 47,000. Headed the JV team delivering the £3.3bn London section of High Speed 1 ahead of schedule and under budget, including its meticulously refurbished St Pancras station. Director of Projects for the successful Tubelines P3 upgrade of the Jubilee, Northern and Piccadilly lines, which carry 45% of London Underground’s passengers. Brian served as GM of Bechtel’s Telematics & Industrial business, Global Procurement Manager and launched its Global Water business. Passionate about how new transport infrastructure has improved the quality of life in cities internationally and lags in the US, he has an MEng from the University of Cambridge, UK and a BSc from the University of Pennsylvania. He also serves as an Adjunct Professor of Digital Business at Imperial College London.

Maria Sendra
Maria Sendra is a Shareholder in the Corporate & Securities practice at GreenbergTraurig. She has built an emerging technologies practice which helps companies to scale innovation globally by leveraging capital markets, private equity, and strategic partnerships. She has particular experience in advising on blockchain technologies in the financial services industry. She has over 26 years of experience in Europe, Latin America, Asia and the Middle East. Maria Sendra is fluent in English, Spanish, French, and Valenciano, and has studied German. She received her BA from Yale University (where she was also an Adjunct Professor) in political science, and her law degree from the University of Cambridge, Berkeley, with an Award for Excellence in Written Advocacy. Her background in molecular biophysics and biochemistry. She ran a research lab as a student at Yale University, and worked as a filmmaker at Harvard University.

Sameer Sharma
Sameer Sharma is the General Manager (New Market Development) for IoT Solutions at Intel. Sameer leads a global team that drives new growth categories for Intel in IoT such as Smart City Services, Connected Lighting and Environmental Monitoring. His team focuses on pursuing and incubating new revenue streams and establishing leadership across the IoT segment. Sameer is a thought leader in IoT and Mobile ecosystems and has driven multiple strategic initiatives over the past 17 years. At Intel, he has played leadership roles in Mobile Broadband, Global Chief of Staff for Intel Internet of Things Group and helped launch the first Intel IoT Mote platform in the US and helped grow Intel-based tablet volume by 3X. Sameer has an MBA from the Wharton School at UPenn, and a Masters in Computer Engineering from Rutgers. He holds 7 patents in the areas of IoT and Mobile.

Mike Short
Dr. Short has held positions in Electronics and telecommunications for over 40 years. He has had experience with 5 Generations of Mobile Communication infrastructure. He has held several leadership positions, including CEO of mobile technology companies, in developing and launching mobile networks and services that are in use around the world. He was awarded a CBE by the Queen in 2012 as a national honour for services to the Mobile industry. He has been involved in mobile البلدية licencing, network launches and in recent years Innovation for business development in areas as diverse as mobile messaging, mobile TV, digital health, connected cars, smart metering, smart cities and emergency services. He is a former elected Chairman of the global GSM Association, the UK Mobile Data Association, and a past President of the Institution of Engineering and Technology (IET -2011/2012). He holds currently Visiting Professor positions at the Universities of Surrey, Coventry, Leeds and Lancaster, and was awarded a CBE by the Queen in 2012 as a national honour for services to the Mobile industry.

Adi Singh
Adi Singh is the chief architect of the software infrastructure that supports Ford’s Smart mobility experiments out of California. A product of Stanford University, Adi completed his graduate work in Aeronautics & Astronautics focusing on UAVs. At Ford’s Research and Innovation Center in Palo Alto, Adi leads projects in drone applications, dynamic shuttles and scalable data processing, while supporting an array of other projects in connected vehicles and data-driven healthcare. He is also the company’s primary liaison to Stanford’s Computer Forum and StartX Accelerator, and regularly speaks at conferences on Mobility, Connectivity and the Internet of Things (IoT). Adi’s interests lie in bringing the most cutting-edge technology solutions into the automotive industry, and in demonstrating how these technologies enable the industry to tackle the biggest challenges in mobility, sustainability and connectivity faced by the world today.

Mike Steep
Michael Steep is a Visiting Scholar at the Stanford Global Projects Center and Senior Vice President of Global Business Operations for the PARC innovation center in Palo Alto, California. He has over two decades of operating experience managing global P&L’s, sales, digital marketing, strategy, business development, and strategic alliances for Microsoft, Lexmark (IBM), Lexidata, HP and Maxis. He was a member of the team developing all of Citrina’s managed lanes projects from procurement to implementation to operations. He is married with 2 children and resides in Austin, Texas.
Andrew Wolstenholme
Andrew graduated from Southampton University in 1983 with a first class honours degree in Civil Engineering. He served with the British Army for three years as a Queen's Royal Irish Hussar before resigning his commission in 1984 to pursue a career in business and engineering. Andrew joined Arup, the international engineering consultants, as a bridge designer in 1987. He was later seconded to Schal Associates in Chicago where he worked on tall buildings along side some of the great American architects. Andrew moved to Hong Kong in 1992 to develop Arup's project management capability on some of South East Asia's major infrastructure projects at that time. Andrew joined the airport operator BAA plc in 1997 as Construction Director for the Heathrow Express rail link. He went on to lead the delivery of the £4.3bn Terminal 5 programme and became BAA's Director of Capital projects running the £10bn development programme across seven UK airports. With a passion to improve the UK's construction industry, Andrew was invited to lead an industry review in 2009. His report, 'Never Waste a Good Crisis', has helped steer government policy in this important area. Andrew joined the Ballfour Realty Group in 2009 as Director of Innovation and Strategic Capability. He was awarded an OBE for services to the construction industry in the same year. Andrew joined Crossrail as its Chief Executive Officer on 1 August 2011.

Nicholas Yang
Mr. Yang was appointed Secretary for Innovation and Technology of the fourth-term Government of the Hong Kong Special Administrative Region on 20 November 2015. The Innovation and Technology Bureau is responsible for policy matters on information technology, as well as innovation and technology. Mr. Yang graduated in 1977 from the California Institute of Technology in the United States with a Bachelor of Science in Electrical Engineering and Applied Mathematics. He pursued further studies in Stanford University and obtained a Master of Science degree in Electrical Engineering in 1978 and a Master of Business Administration degree in 1982. He has been an Executive of the Hong Kong Polytechnic University from 2010 to February 2015. In March 2015, he was appointed by the Chief Executive as Executive Vice President of the Hong Kong Polytechnic University. Since then, he has held leadership positions of increasing responsibility, including Deputy Vice-President and President of the University. Mr. Yang was appointed Secretary for Innovation and Technology of the fifth-term Government of the Hong Kong Special Administrative Region on 24 July 2019. He was appointed Chairman of the Executive Council which is the Chief Executive’s top advising body.

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