

**Annual Conference on Measurement Technology (III): Infrastructure Monitoring  
Thurs., Oct. 13, 2016, 9am-5:30pm**

<b>Time</b>	<b>Topic</b>	<b>Speaker</b>
8:30 AM	Breakfast	
9:00 AM	Introductions & Welcome	Temina Madon, CEGA Executive Director
<b>Theme 1: Utilities Monitoring</b>		
9:10 AM	GridWatch: Sensing the health of the power grid using mobile devices	Prabal Dutta, UC Berkeley
9:25 AM	GIS Solutions for Utilities	Charles Brigham, ESRI
9:40 AM	IoT systems for power/water utilities	Michael Kanellos, OSISoft
9:55 AM	Panel Discussion	Led by Aidan Coville, World Bank
<b>Theme 2: Transport Infrastructure</b>		
10:10 AM	BREAK	
10:40 AM	Mobile-based Matatu monitoring in Kenya	David Schonholzer, UC Berkeley
10:55 AM	Predicting Road Quality in Sub-Saharan Africa	Gabriel Cadamuro, University of Washington
11:10 AM	Monitor Progress and Performance of Road Infrastructure Investments in the Rural Philippines	Tara O'Shea, Planet Labs
11:25 AM	India railway mapping project	Fabien Chraim & Jason Creadore, Civil Maps
11:40 PM	Panel Discussion	Led by Kevin Croke, World Bank
<b>Theme 3: Rural Infrastructure</b>		
11:55 PM	Combining machine learning and satellite imagery to predict (rural) poverty	Marshall Burke, Stanford University
12:10 PM	Sensor-enabled maintenance of rural infrastructure	Evan Thomas, Portland State University
12:25 PM	Wireless Technologies (IoT) in Agricultural Development	Marco Zennaro, ITCP, Trieste
12:40 PM	Nightlights.io: Tracking rural electrification across the globe	Brian Min, University of Michigan
12:55 PM	Panel Discussion	Led by Paul Christian, World Bank

1:10 PM	Lunch	
<b>Theme 4: Urbanization</b>		
2:10 PM	Understanding Cities: Revealing Urban Dynamics from Space. The case study of India.	Ran Goldblatt, UC San Diego
2:25 PM	Mapping human settlements in 25 developing countries	Andreas Gros, Facebook Connectivity Lab
2:40 PM	Detecting change in cities through street-level imagery	Nikhil Naik, MIT (VC presentation)
2:55 PM	Opportunistic and statistically relevant change using high resolution imagery	Shay Har-Noy, Digital Globe
3:10 PM	Panel Discussion	Led by Kiwako Sakamoto, World Bank
<b>Theme 5: Civil Infrastructure</b>		
3:25 PM	Instrumenting Public Infrastructure & Construction Sites: A Research Agenda	Kenichi Soga, UC Berkeley
3:40 PM	Digital Technologies Overlaid onto Urban Infrastructure Systems / Services: Enabling Real-Time Monitoring, Measurements, Analytics	Gordon Feller, Cisco – Meeting of the Minds
3:55 PM	Quantifying Risks and Performance of Infrastructure Investments	Michael Lepech, Stanford
4:10 PM	Satellite analytics to track civil infrastructure	Shwetank Kumar, Orbital Insights
4:25 PM	Panel Discussion	Led by Maria Jones, World Bank
<b>Ignite Talks (Reception)</b>		
4:40 PM	Janine Yoong, Mapillary	
4:45 PM	Ben Siegfried, Arable	
4:50 PM	Ruchit G Garg, Harvesting	
5 - 5:30 PM	Reception/Happy Hour	