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| **Annual Conference on Measurement Technology (III): Infrastructure Monitoring Thurs., Oct. 13, 2016, 9am-5:30pm** | | | |
| **Time** | **Topic** | **Speaker** | |
| 8:30 AM | Breakfast | | |
| 9:00 AM | Introductions & Welcome | Temina Madon, CEGA Executive Director | |
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| **Theme 1: Utilities Monitoring** | | | |
| 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 |
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| 10:10 AM | BREAK | | |
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| **Theme 2: Transport Infrastructure** | | | |
| 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 |
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| **Theme 3: Rural Infrastructure** | | | |
| 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 |
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| 1:10 PM | Lunch | | |
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| **Theme 4: Urbanization** | | | |
| 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 |
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| **Theme 5: Civil Infrastructure** | | | |
| 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 |
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| **Ignite Talks (Reception)** | | | |
| 4:40 PM | Janine Yoong, Mapillary | |  |
| 4:45 PM | Ben Siegfried, Arable | |  |
| 4:50 PM | Ruchit G Garg, Harvesting | |  |
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| 5 - 5:30 PM | Reception/Happy Hour | |  |