

Sensing and Data-utilization for Infrastructure

社会基盤施設のセンシングと 計測データ活用

Morning Session

9:30 Opening speech

Professor Takehiko Kitamori (UTokyo)

9:40-10:15 Innovative sensor technologies
for infrastructure monitoring

Professor Kenichi Soga (Cambridge)

10:15-10:50 Fibre optics monitoring of
sprayed concrete lined tunnels

Dr. Nicky de Battista (Cambridge)

10:50-11:25 Dynamic response intelligent
monitoring of infrastructure

Dr. Tomonori Nagayama (UTokyo)

11:25-12:00 A route to standardisation and
upscaling the adoption of fibre optic sensing
for infrastructure monitoring

Dr. Cedric Kechavarzi (Cambridge)

Afternoon Session

13:00-13:35 Whole-Life value approaches
to asset management, and smart cities
Standards

Dr. Jennifer Schooling (Cambridge)

13:35-14:10 Use of tilt sensors for sensing
and early warning for slope disasters

Dr. Taro Uchimura (UTokyo)

14:10-14:45 Monitoring masonry
structures in London Bridge Station

Dr. Sinan Acikgoz (Cambridge)

14:45-15:20 Concurrent Transmission:
Potentiality and Challenges of Wireless
Communication System for IoT

Mr. Chun-Hao Liao (UTokyo)

15:30-16:05 Bridge structural monitoring
system by vibration power generation

Mr. Yoshinori Yoshida (RTRI)

16:05-16:40 Vibration monitoring and
simulation of bridges

Dr. Di Su (UTokyo)

16:40-17:20 Discussion session

17:20 Closing speech

Professor Junichi Koseki (UTokyo)

Date: July 21, 2015

Venue: Lecture Hall No.15, Building
No.1, School of Engineering
東京大学工学部 1号館 15号教室



Pre-registration 事前登録

Send name, email, affiliation to
k-kikaku@t-adm.t.u-tokyo.ac.jp
by July 17th.

Office of International
Cooperation and Exchange

