

POSTCONVENTION WORKSHOP

W-12: Geophysical Aspects of Smart Cities

George R. Brown Convention Center, Room 362AD

Start	Stop	Presentation	Speaker	Affiliation
8:30 AM	8:35 AM	Welcome Remarks	Arthur Cheng	Chinese University of Hong Kong
		Session 1: Urban Infrastructure Monitoring (Chair: Arthur Cheng)		
8:35 AM	8:50 AM	Anthropogenic Seismic Noise from Wind Turbines and other Sources with Applications to Seismic Interferometry	Robert Nowack	Purdue University
8:50 AM	9:05 AM	Wind Turbine noise and imaging of groundwater	Yunyue Elita Li	Purdue University
9:05 AM	9:20 AM	Tunnel construction monitoring in Singapore	Enhedelilai Nilot	National University of Singapore
9:20 AM	9:50 AM	Discussion with Q&A		
9:50 AM	10:15 AM	Break		
		Session 2: DAS in Urban Settings (Chair Yunyue Elita Li)		
10:15 AM	10:30 AM	DAS monitoring around Stanford	Biondo Biondi	Stanford University
10:30 AM	10:45 AM	Weather-induced signals are sensed by DAS fiber-optic sensors	Junzhu Shen	Penn State University
10:45 AM	11:00 AM	Urban DAS monitoring in Australia	Jihyun Yang	Colorado School of Mines
11:00 AM	11:15 AM	DAS acquisition and processing for TBM look-ahead in Singapore	Yun Zhou Tan	National University of Singapore
11:15 AM	12:00 PM	Discussion with Q&A		