

**The Sixteenth International Workshop on Assurance in Distributed Systems and
Networks (ADSN2017)**

Atlanta, June 5, 2017, in conjunction with ICDCS 2017

Program

9:30 – 10:00 Get-Together Coffee Break

Session 1:

10:00 Welcome: Karthik Pattabiraman, Program Chair

Keynote: Dependability Challenges in 5G Cellular Networks
Douglas M. Blough (Georgia Tech, USA)

Session 2: Assuring Temporal Fairness and Securing Communication

Session Chair:

Time	Authors and Title
11:00	Hayden Melton (Deakin University, Australia) Understanding and Improving Temporal Fairness on an Electronic Trading Venue
11:30	Jongho Won, Ankush Singla and Elisa Bertino (Purdue University, USA) CertificateLess Cryptography-based Rule Management Protocol for Advanced Mission Delivery Networks

12:00 – 14:00 Lunch break

Session 3: Network Assurance

Session Chair:

Time	Authors and Title
14:00	Tianyu Zhang, Qian Zhao and Yukikazu Nakamoto (University of Hyogo, Japan) Faulty Sensor Data Detection in Wireless Sensor Networks Using Logistical Regression
14:30	Ryuma Tani, Kento Aoi, Eitaro Kohno and Yoshiaki Kakuda (Hiroshima City University, Japan) An Adaptability-Enhanced Routing Method for Multiple Gateway-based Wireless Sensor Networks Using Secure Dispersed Data Transfer
15:00	Hiroaki Horiba, Tokumasa Hiraoka and Junichi Funasaka (Hiroshima City University, Japan) Progressive Download Method Based on Timer-Driven Requesting Schemes Using Multiple TCP Flows on Multiple Paths

15:30 – 16:00 Coffee Break

16:00 – 17:00 Session 4: Panel on "Assurance in Internet of Things (IoT)"

Moderator: Eitaro Kohno (Hiroshima City University),

Panelists: Elisa Bertino (Purdue University), Bettina Kemme (McGill University), Junichi Funasaka (Hiroshima City University)