ADSN 2014 The Thirteenth International Workshop on Assurance in Distributed Systems and Networks (ADSN2014)

Madrid, June 30, in conjunction with ICDCS 2014

Program

Session 1:
8:30 **Welcome:** Miroslaw Malek, General Chair
Keynote: **Assuring Functional Safety for Cooperating Automotive Systems ,**
Rolf Johansson, Technical Research Institute of Sweden (SP)

Session 2: Network performance and QoS assurance
Session Chair: Jörg Kaiser

Time	Authors and Title
9:30	Hiroyasu Obata, Ayaka Momota, Junichi Funasaka and Kenji Ishida, "A Control Method of Guaranteeing Throughput for TCP Communication Considering Handover over WLAN"
10:00	Hyungjae Jung and Hidenori Nakazato, "Dynamic Scheduling for Speculative Execution to Improve MapReduce Performance in Heterogeneous Environment"
10:30	Jorge Cobb, "Preserving Routes during Fast Convergence"

11:00 – 11:30 Coffee Break
Session 3: Security aspects
Session Chair: Yuki Nakamoto

Time	Authors and Title
11:30	Ryo Iguchi and Yoshifumi Manabe, "An Efficient Edge-Based Authentication for Network Coding Against Entropy Attacks"
12:00	Eitaro Kohno, Anri Kimura and Yoshiaki Kakuda, "On Parameters for the Secure Dispersed Data Transfer Scheme Using a Multipath Routing Method"
12:30	Kaliappa Ravindran, "Model-based Engineering Techniques for QoS Auditing in Distributed Cloud Services"

13:00 – 14:15 Lunch break

Session 4: Dependable and safe embedded systems
Session Chair: Jorge Cobb

Time	Authors and Title
14:15	Reza Hajisheykhi, Ali Ebnenasir and Sandeep Kulkarni, "Analysis of Permanent Faults in Transaction Level SystemC Models"
14:45	Shimpei Yamada and Yukikazu Nakamoto, "Protection Mechanism in Privileged Memory Space for Embedded Systems"

15:15	António Casimiro, Oscar Morales-Ponce, Thomas Petig and Elad M. Schiller , "Vehicular Coordination via a Safety Kernel in the Gulliver Test-bed" (invited paper)

15:45 – 16:15 **Coffee Break**

16:15 – 17:30 Session 5: Panel on "Lethal Threat to Assurance: Counterfeit Electronics - Exposure and Protection"
Moderator: Miroslaw Malek

Closing Remarks: Yoshiaki Kakuda