

30. Treffen der VDE/ITG-Fachgruppe 5.2.4
Mobilität in IP-basierten Netzen

Cooperation and Self-Organization in Communication Networks

at 29th June (Open Workshop) and 30th June 2009 in Klagenfurt

Location Lakeside Labs GmbH
Lakeside Park B 04b, Level 1
9020 Klagenfurt

June 29th – Open Workshop

- 09:45 Registration
 - 10:00 Welcome and Introduction

 - 10:15 Keynote “Self organizing networked systems”
(Wilfried Elmenreich, Lakeside Labs)

 - 11:00 “Cooperation and opportunism: finding a suitable balance”
(Paulo Mendes, INESC Porto)

 - 11:30 “A Context-Aware Method for Spontaneous Clustering of Dynamic Wireless Sensor Nodes”
(Raluca Marin-Perianu, University of Twente)

 - 12:00 Lunch

 - 13:30 “Decentralized Interference Coordination for LTE”
(Christian Hartmann, Technical University of Munich)

 - 14:00 “Towards Congestion Control based on Emergent Behaviour”
(Michael Kleis, Fraunhofer Fokus)

 - 14:30 “Routing in the Sky”
(Daniel Medina, German Aerospace Center)

 - 15:00 Coffee break

 - 15:30 “Self-organization in Synchronization: Basics and Demonstration”
(Johannes Klinglmayr, University of Klagenfurt)

 - 16:00 “Fair Load Distribution Among Cooperating Mobile Nodes”
(Karin Anna Hummel, University of Vienna)

 - 16:30 “Transmit Power Allocation based on Power-Bandwidth Characteristics for Self-optimizing
Cellular Mobile Radio Networks”
(Philipp Hasselbach, Technical University of Darmstadt)

 - 17:00 Wrap-Up
 - 17:15 Close
 - 19:00 Social Event
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June 30th – Work Group Meeting

9:00 – 12:00 Meeting of the ITG Working Group 5.2.4 “Mobility in IP-based Networks”

On Sunday, 28th June, we organize a hiking event in the wonderful region of Carinthia called “Tscheppaschlucht”. The price of the event is 6.5 € (4.5 € for students). We plan to leave Klagenfurt at 13:00. Please RSVP to helmut.adam@uni-klu.ac.at.

For further questions, please do not hesitate to contact the workshop organizers:

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