

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

Cognitive Radio
– Technical Challenges and Commercial Implications –
am 7. Oktober (Open Workshop) in Hamburg-Harburg

Location Technische Universität Hamburg-Harburg
Institut für Nachrichtentechnik (Leitung: Prof. Hermann Rohling)
Gebäude N (Eißendorfer Str. 40) – room 0009 (will be signposted)

Agenda

- 12:00 Registration
- 12:30 Welcome and Introduction
- Session1:
- 12:50 “Primary Users in Cellular Networks – A Large-Scale Measurement Study”
(D.Willkomm, TU Berlin, Telecommunications Network Group – TKN)
- 13:20 “E3 Architecture and Solutions for Cognitive Radio Networks”
(J.Gebert, Alcatel-Lucent, Bell Labs Germany, Stuttgart)
- 13:50 “Business Models for Cognitive Radio – The Case of the Cognitive Pilot Channel”
(P.Ballon, V.Gonçalves, Vrije Universiteit Brussel, M.Stamatelatos, University of Athens)
- 14:20 Coffeebreak
- Session2:
- 14:40 “Admission Control for Power-Aware Autonomous Cognitive Radio”
(M.Kaliszan, S.Stanczak, Fraunhofer German-Sino Lab for Mobile Communications, Berlin,
T.Haustein, Fraunhofer Institute for Telecommunications, Heinrich Hertz Institut, Berlin)
- 15:10 “Cognitive Context Acquisition and Subcarrier Assignment Strategies in LTE”
(P.Demestichas, K.Tsagkaris, A.Saatsajis, University of Piraeus, Greece)
- 15:40 Modelling the Spectral Occupation for the Use in Cognitive Radios
(C.Körner, TU Karlsruhe, Communications Engineering Lab - CEL)
- 16:10 Coffeebreak
- 16:30 Session3 - Panel Discussion with the presenters of the day
(moderator: K.Kohrt, speaker ITG-WG 5.2.4, Eckernförde)
- 17:45 Conclusion & Wrap-Up
- 18:00 Close
- 19:30 Social Event (details to be provided)
- Note: There will not be a separate working group meeting this time

Participants should register by email by September 21st, 2009. More details about the meeting will be available via the webpage <http://www.ikr.uni-stuttgart.de/Content/itg/fg524/>.

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

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[The workshop will immediately precede the two day SomSed 2009 event – see www.somsed.de]