45. Meeting of VDE/ITG-Fachgruppe 5.2.4

IP and Mobility

in cooperation with VDE/ITG-Fachgruppe 5.2.1 "System Architecture and Traffic Engineering" and GI/ITG KuVS Fachgespräch "Sensor Networks"

on 27. March 2014 in Hamburg
hosted by Hamburg University of Technology (TUHH),
Institute of Communication Networks (ComNets)

http://www.tuhh.de/comnets

Wireless Sensor Networks

Location:
(see map below)

TU Hamburg-Harburg
Schwarzenbergstraße 95 D, Room D 2.022
21073 Hamburg

March 27th – Open Workshop

12:30 – 12:45	**Welcome**
12:45 – 13:15	**Opening**

Welcome speech by the speaker of the ITG Fachgruppe 5.2.4
(Prof. Dr.-Ing. Wolfgang Kellerer / LKN, TU München)

Welcome presentation by the workshop host: "SomSeD: Self-Organizing Wireless Sensor and Data Networks"
(Prof. Dr.-Ing. Andreas Timm-Giel / ComNets, TU Hamburg-Harburg)

13:15 – 14:30   **Session 1**

"A Scalable Redundant TDMA Protocol for High-density WSNs Inside an Aircraft "
(Jirka Klaue / Innovations, Wireless Communication / Airbus Group)

"A Novel Patient Care Tracking System for Hospitals: Hardware and software "
(Dr. Anna Förster / Networking Laboratory, DTI / University of Applied Sciences of Southern Switzerland)

 "High Quality Low Power Localization in Wireless Sensor Networks"
(Dr. Barbara Staehle / Fraunhofer-Institut für Eingebettete Systeme und Kommunikationstechnik ESK)

14:30 – 15:20   **Coffee Break with Demo**
"Wireless Sensor Network Demonstrator"
(Center of Excellence CoSA, FH Lübeck)

15:20 – 17:00   **Session 2**

"Safety and Comfort Services for Intelligent Traffic Systems Based on 3GPP Femtocell Technology Connected to Locally Deployed Application Logic"
(Dipl.-Ing. Philippe Dobbelaere / Alcatel-Lucent Bell Labs)

15:45 – 17:00	**Session 2 Continued**
	"Name-Centric Services in Sensor Networks" (Dipl.-Inf. Torsten Teubler / Center of Excellence CoSA, FH Lübeck)
	"Development of a Cognitive Radio Architecture Based on Time Frequency Optimization (CAROUSAL) " (M.Sc. Rana Al Halaseh, M.Sc. Mridula Sharma / Communications Laboratory, University of Kassel)
	"Cooperative Relaying in Large Scale Sensor Networks" (Dipl.-Ing. Torsten Andre / Mobile Systems, Alpen-Adria-Universität Klagenfurt)
17:00 – 17:30	**Final Discussion**
18:30	**S-Bahn ride and walk through "Alter Elbtunnel" to social event**
from 20:00	**Social event at Blockbräu Landungsbrücken (payed individually)**

March 28th – Work Group Meeting

9:30 – 11:00	**Meeting of the ITG Working Group 5.2.4 "Mobility in IP-based Networks"**
Registration:	Appreciated but not mandatory by e-mail to maciej.muehleisen@tuhh.de
Hotels:	Panorama Hotel ****, Harburger Ring 8-10, 21073 http://www.panorama-hotels-hamburg.de Room with breakfast ~85 EUR. Ask for special TUHH conditions. Or check your favorite online hotel portal. TUHH can be reached from Hamburg **main** train station in 25 minutes. There you can find many hotels. Further information on other hotels in Hamburg-Harburg can be provided upon request.
Directions:	Reaching TUHH: http://www.tuhh.de/et6/directions.html Directions from bus stop "Kasernenstraße / TUHH" to workshop room:

Grafik: Technische Universität Hamburg-Harburg

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

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