Call for participation

ICT-MobileSummit 2009 Pre-conference Workshop on

Self-organisation for Beyond 3G Wireless Networks

June 09, 2009 - Santander, Spain

The goal of this open workshop is to disseminate the first results of the FP7 projects SOCRATES (www.fp7-socrates.eu) and E³ (www.ict-e3.eu). The program comprises presentations on the results of both projects, three invited talks and a presentation from the FP7 project EFIPSANS (www.efipsans.org) that will place the topic self-organisation in a broader networking perspective. The aim of the workshop is to stimulate discussions and feedback. Through interactions with the participants and the invited speakers, the consortia want to validate their views and approaches on self-organising methods for beyond 3G wireless networks.

The workshop addresses both academic researchers and engineers. It mainly aims at research responsibles, R&D engineers and technical developers involved in planning, deployment or operations & maintenance of beyond 3G networks, within telecom operators, telecom vendors and SMEs and large companies active in the telecom sector.

Workshop program:

08:45 - 09:15: Registration

09:15 - 09:30: SOCRATES project overview
Hans van den Berg - SOCRATES Project Coordinator - TNO ICT, The Netherlands

09:30 - 09:45: E³ project overview
Wolfgang König - E³ Project Coordinator - Alcatel Lucent, Germany

09:45 - 10:45: Session 1: Framework for self-organisation
09:45 - 10:15: *Assessment criteria*
Neil Scully (SOCRATES) - Vodafone R&D, UK
10:15 - 10:45: *Requirements and architecture*
Klaus Nolte (E³) - Alcatel Lucent, Germany

10:45 - 11:10: Coffee break

11:10 - 11:50: Session 2A: Self-organisation in beyond 3G networks
11:10 - 11:30: *Algorithms for self-optimisation*
Ove Linnell (SOCRATES) - Ericsson Research, Sweden
11:30 - 11:50: *Algorithms for self-configuration and self-healing*
Christoph Schmelz (SOCRATES) - Nokia Siemens Networks, Germany

11:50 - 12:30: Invited Talks 1A
11:50 - 12:20: *An operator's view on self-organisation*
Trevor Gill - Head of Networks - Vodafone Group R&D, UK
12:20 - 12:30: *Discussion*

12:30 - 13:30: Lunch

13:30 - 14:10: Invited Talks 1B
13:30 - 14:00: *A vendor's view on self-organisation*
Werner Mohr - Head of Research Alliances, Nokia Siemens Networks, Research Technology & Platforms, Munich, Germany
14:00 - 14:10: *Discussion*

14:10 - 15:00: Session 2B: Self-organisation in beyond 3G networks
14:10 - 14:35: *Autonomous self-x functionalities and operation*
Kari Kalliojarvi (E³) - Nokia, Finland
14:35 - 15:00: *Simulation of self-x algorithms*
Ingo Gaspard (E³) - Deutsche Telekom Laboratories, Germany

15:00 - 15:30: Coffee break

15:30 - 16:30: Invited Talk 2

15:30 - 16:15: *Design and evaluation of self-optimisation algorithms for radio access networks*
Zwi Altman - Orange Labs, France

16:15 - 16:30: *Discussion*

16:30 - 17:00: Session 3: A broader networking perspective on self-organisation
Creating a viable evolution path towards self-managing future internet via a standardisable reference model for autonomic network engineering
Ranganai Chaparadza - EFIPSANS Technical Manager - Fraunhofer Fokus, Germany

17:00: Wrapping up & closing

Registration information:

Online registration for the workshop on the website of ICT-MobileSummit 2009 (www.ict-mobilesummit.eu) is required.

Registration fee: 50 euro. This fee includes lunch and coffee breaks.