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Call for Papers

International Workshop on

Synergies in Communications and Localization - SyCoLo 2009 -

in conjunction with ICC 2009, Dresden, Germany
June 18, 2009

www.SyCoLo2009.org

The main objective of this Workshop is to show how wireless communications and navigation/localization techniques can benefit from each other. With respect to these synergies the Workshop aims at the following fundamental questions:

- How can navigation systems benefit from existing communications systems?
- How can communications systems benefit from positioning information of mobile terminals?

This Workshop, whose proposal was jointly generated by the EU Research Projects WHERE and NEWCOM++, aims at inspiring the development of new position-aware procedures to enhance the efficiency of communication networks, and of new positioning algorithms based both on (outdoor or indoor) wireless communications and on satellite navigation systems.

We invite you to submit your original full papers on the most recent results and technology trends in the fields of:

- Hybrid positioning using both wireless communications and satellite navigation systems;
- Resource management with positioning information;
- Location-aware PHY/MAC algorithms/procedures;
- Indoor positioning combined with short range communications;
- Signal Processing techniques for (seamless) indoor/outdoor localization.

Deadlines:

Extended Deadline for Paper Submission: November 15, 2008

Paper Acceptance Notification: February 1, 2009

Camera-Ready: March 1, 2009

Paper Submission:

Submitted papers must represent original material that is not currently under review in any other conference or journal, and has not been previously published. Paper length should not exceed five-page technical paper manuscript.

Papers should be submitted in a .pdf format by selecting ICC 2009 at the EDAS paper submission website EDAS and then selecting the workshop submission link. All papers are also included in the IEEE Xplore.