CALL FOR PAPERS

SELECTED AREAS IN COMMUNICATIONS SYMPOSIUM

POWER LINE COMMUNICATIONS TRACK

Track Chair

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Scope and Topics of Interest

Power Line Communications (PLC) use electrical wiring inside buildings and vehicles as well as within the power grid for communications applications spanning broadband multimedia in-home communications, last-mile Internet access, in-vehicle communications as well as command and control and smart grid applications. Papers are solicited that address subjects including though not limited to PLC channel characterization and modeling, electromagnetic interference and regulations, coupling, communication protocols for broadband and narrowband PLC as well as the overall the design and analysis of current and future PLC systems. Topics of interest include, but are not limited to:

- In-home, access and in-vehicle networks

- Capacity planning, resource allocation and scheduling for PLC

- PHY and MAC layer protocols for PLC

- Congestion and admission control for PLC

- Coexistence and interoperability for PLC

- Cognitive and cooperative systems for PLC

- Cross-layer optimization in PLC

- Modeling and performance evaluation for PLC

- Power Quality monitoring and PLC data concentrators

- PLC channel characterization and measurement

- Measurement data from testbeds, field trials and commercial deployments

- Regulation and standardization

- Coupling and EMI Issues

- Smart grid PLC communications, controls and protocols

Submission Guidelines

Prospective authors are invited to submit original technical papers by the deadline of **15 March 2013** for publication in the IEEE Globecom 2013 Conference Proceedings and for presentation at the conference. Submissions will be accepted through EDAS. All submissions must be written in English and be at most six (6) printed pages in length, including figures. For full details, please visit the following website:

http://www.ieee-globecom.org/2013/submguide.html