

Workshop on Semantic Communication

in conjunction with
THE 5th IEEE INTERNATIONAL CONFERENCE ON SEMANTIC COMPUTING

Stanford University
Palo Alto, California, USA
September 18-21, 2011

Sponsored by
IEEE CS Technical Committee on Communication
IEEE CS Technical Committee on Semantic Computing

Semantic Computing addresses technologies that derives and uses semantics from content, where "content" may be anything such as video, audio, text, conversation, process, program, device, behavior, etc.

Interdisciplinary (Intra-disciplinary within Computer Society) in nature, the ultimate success of Semantic Computing requires that new, synergized technologies be developed from various areas. The workshop on Semantic Communication addresses communication architecture and protocols, data-centric routing technologies, benchmarks and performance evaluation. Topics of interest include, but are not limited to, the following:

- Information-Centric Network
- Content-based Routing Technology
- Next Generation Web Architectures
- Video Distribution Technology (IPTV, Video on Demand, Mobile TV)
- P2P Network Applications
- Architecture and Protocols of Communication Network
- Semantic Communication in Internet
- Semantic Communication in Wireless Network
- Semantic Communication in Mobile Network
- Semantic Communication in Optical Network
- Semantic Communication in Ad-hoc, Sensor, Mesh and PAN Network
- Communication and Information System Security

SUBMISSIONS AND REGISTRATION

Authors are invited to submit Regular Papers (8-page technical paper) and Short Papers (4-page technical paper). More information is available on the ICSC 2011 web page. To facilitate intra-disciplinary research, workshop participants will register at a special workshop rate without a full conference registration. Papers accepted by the workshop will be published in the

Conference Proceedings published by IEEE Computer Society Press. Distinguished quality papers presented at the workshop will be selected for publication in internationally renowned journals.

IMPORTANT DATES

May 28th, 2011: Regular & Short Paper Submission

June 28th, 2011: Notification Date

July 15th, 2011: Camera-Ready & Registration

ORGANIZING COMMITTEE

Burkhard Stiller, University of Zürich, Switzerland

Phillip Sheu, University of California, Irvine