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Important dates:

Paper submission deadline:
May 6, 2016

Notification of acceptance:
June 1, 2016

Camera ready paper due:
June 15, 2016

CALL FOR PAPERS**The 5th International Workshop on Community Networks and
Bottom-up-Broadband (CNBuB 2016)**

CNBuB 2016 will take place in Vienna, Austria, August 22-24, 2016, and is co-located with FiCloud 2016.

Aim and Scope: Community networks are an emergent model for the future Internet. They emerge from the interplay of technical and social interactions. Community networks are a timely model for the future Internet, which fits into the current tendency of seeing technical systems (e.g. networks, infrastructures, clouds) not as purely technical systems, but as socio-technical systems.

Originally, community networks were only used as networking infrastructure to provide Internet access. Furthermore, there is an important opportunity in the provision of unique services within community networks. Cloud-based services and IoT applications are promising candidates for applications within community networks, since specifically the citizen participation can enable innovative applications which are not possible in other scenarios.

The objective of the International Workshop on Community Networks and Bottom-up-Broadband (CNBuB) is to bring together researchers and practitioners working on community networks, and researchers working in services and applications which may fit into community networks. CNBuB aims to be a forum for the collection, presentation and discussion of scientific work on the topics related to community networks.

Participation: For participation in the workshop as an author presenting a paper please refer to the submission instructions. Community network participants authoring a paper can apply for a financial support (limited number of grants) for being able to present their work at the workshop. Please contact with the workshop chairs.

Papers: The workshop solicits original papers addressing theoretical and practical challenges of community networks and bottom-up-broadband, including insights from other disciplines that contribute to the socio-technical-economic understanding of the community network operation and growth. Topics of interest for CNBuB 2016 include, but are not limited to:

- Wireless mesh networks
- Routing protocols
- Services and applications
- IoT applications and collaborative scenarios
- Edge and Fog computing in community networks
- Clouds for community networks
- Cross-layer designs
- Tools for bootstrapping and running community networks
- Performance modelling and evaluation
- Quality of service provisioning
- Quality of experience in community networks
- Community network security and privacy
- Large-scale management and data collection infrastructures
- Socio-technical-economic models for community networks

Submission instructions: Submissions are single-blind and should not exceed 6 pages in length (in IEEE format). All papers will be peer reviewed and the comments will be provided to the authors. Accepted papers will be published in IEEE Xplore Digital Library. Authors of accepted papers are expected to present their papers at the workshop.

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For more information:

<http://research.ac.upc.edu/CNBuB2016/>