

CFP: BodyNets 2014 Special Track on Human Body Communications (HBC)

Paper submission due: June 1, 2014

Conference dates: September 29, 2014 (Mon) - October 1, 2014 (Wed) London, Great Britain

Technically-sponsored by ACM SIGCHI

Proceedings to be published by ACM

Human body communication (HBC) uses human body itself as a communication route to transmit data. It usually operates at dozens of kHz to dozens of MHz, because at these frequencies the propagation loss along the human body is smaller than that through the air. This feature makes it be especially promising in the healthcare, medical diagnoses, consumer electronics and user identification applications, and be also suitable to establish a body area network.

The purpose of this special session is to provide a forum for researchers from multiple disciplines to share, present, and to discuss recent advances in the human body communication technologies for the above-mentioned applications. Both regular paper and short paper submissions are welcome. Topics include, but are not limited to:

TOPICS OF INTEREST

- HBC mechanism
- HBC channel modeling
- HBC transceiver development
- HBC system development and applications
- HBC related electromagnetic compatibility issues

IMPORTANT DATES

Paper submission due: **June 1, 2014**

Notification and Registration Opens: **June 30, 2014**

Camera ready due: **July 31, 2014**

PAPER SUBMISSION

Authors are invited to submit regular papers (up to 7 pages each) or short papers (up to 4 pages each) in the ACM proceedings format. Up to two extra pages are allowed for each paper with extra page charges. See <http://bodynets.org/2014/show/initial-submission> for more details.

Student travel grants will be available. Details would be provided at a later date.

PUBLICATION

All accepted paper will be published by ACM and submitted for indexing by ISI, EI Compendex, Scopus, Google Scholar, and many more. All accepted papers will be published by ACM. Selected papers will be invited to:

- ACM/Springer Mobile Networks and Applications
- Springer Journal of Ambient Intelligence and Humanized Computing

TRACK CO-CHAIRS

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PROGRAM COMMITTEE MEMBERS (To be announced)