

CFP: BodyNets 2014 Special Track on Coding for Emerging Wireless Networks (CEWN)

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

Coding is a critical issue for error-free and confidential data transmission in wireless networks particularly when communication channels are noisy. The objective of this special track is to provide a medium for researchers and practitioners to present their research in coding theory and its applications towards emerging wireless networks such as body area networks, healthcare/medical networks, Internet of Things (IoT), sensor networks, machine-to-machine (M2M) networks, proximity-based mobile networks, vehicular networks and cognitive radio. This special track looks for original/unpublished work in the following topics, but not limited to:

TOPICS OF INTEREST

- Mathematical analysis of codes with high robustness against errors
- Energy efficiency of coding schemes
- Coding and network/device lifetime
- Security of codes
- Expected errors in wireless communications
- Algorithms for code constructions
- Simulations and empirical experiments of coding schemes
- Domain-specific codes in emerging networks such as body area networks and personal area networks

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.

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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