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7th International Conference on Body Area Networks

CONFERENCE SCOPE

The advancement in sensing, embedded computing, and wireless communication has accelerated the progress of adopting sensor networks to form Body Area Networks (BodyNets). BodyNets integrate and deploy wireless sensors, RFID tags, and other pervasive devices within and around human bodies for constructing diverse and practical systems for physiological monitoring, human computer interaction, and provision of entertainment. This conference will explore and explain the scope and challenges of designing, building, and deploying BodyNets. In this regard, the conference aims to establish a forum to exchange ideas, discuss practices, raise awareness, and share experiences among researchers and practitioners in the field of computer science, electrical engineering, biomedical engineering, medicine, and other disciplines in both academia and industry. This conference also allows authors to present new and emerging trends to address the technical, social, system and application issues related to BodyNets.

While the mission of the conference is to share novel basic research ideas as well as experimental applications in the BodyNets area in addition to identifying new directions for future research and development the new scientific topics such as nano communication networks, bio-inspired networks, molecular networks, etc. will be considered. BodyNets 2012 will give researchers a unique opportunity to share their perspectives with others interested in the various aspects from molecular to micro level communication to novel applications from medicine to automobile industry. The conference consists of four symposia that cover a broad range of research aspects. In addition, the program will include three outstanding keynote speakers from academia and industry. A panel session on "Nano communications networks: from theory to practical applications" and an industrial track will surely provoke thoughtful discussions. There will also be two tutorials given free of charge to all BodyNets 2012 attendees. We hope that the conference proceedings will serve as a valuable reference to researchers and developers in the area.

HIGHLIGHTS

- 1 All accepted papers will be published by ACM Digital Library
- 1 Student Travel Grants each worth of NOK 3000 (ca. US\$ 500) announced
- 1 Selected papers will be invited for the ACM/Springer Mobile Networks & Applications (MONET) Special Issue, the IEEE Transactions on Network and Service Management Special Issue, the IEEE Transactions on Information Technology in Biomedicine, the Elsevier Nano Communication Network Special Issue and the Springer Journal of Ambient Intelligence and Humanized Computing
- 1 The event is endorsed by the [European Alliance for Innovation](#), a leading community-based organisation devoted to the advancement of innovation in the field of ICT

STUDENT AUTHOR TRAVEL GRANTS

Travel grants will be made available for student authors attending the conference. Each grant is worth of NOK 3000 (approx. US\$500). To apply for the travel grant, student author has to submit the following documents to: ilangkob@medisin.uio.no:

- 1 Proof of student status
- 1 Receipt of author registration
- 1 Receipt of paper submission
- 1 1/2 page motivation letter

KEYNOTE SPEAKERS

- 1 Prof. Victor Leung, University of British Columbia, Canada
- 1 Prof. Ryuji Kohno, Yokohama National University, Japan and University of Oulu, Finland.
- 1 Prof. Paul Lukowicz, German Research Center for Artificial Intelligence (DFKI), Germany
- 1 Prof. David Atienza, EPFL, Switzerland
- 1 Julian Penders, IMEC, Netherlands

Find details in [Program](#)

Welcome to BODYNETS 2012, 7th International Conference on Body Area Networks, that will take place in Oslo, Norway, September 24–26, 2012

Endorsed and organized by



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Important dates

Workshops proposal deadline
19 March 2012
Submission deadline
22 May 2012
Registration Opens
17 July 2012
Notification deadline
18 July 2012
Camera-ready deadline
8 August 2012
Start of Conference
24 September 2012

Previous Conferences

[2011](#) - Beijing, People's Republic of China
[2010](#) - Corfu Island, Greece
[2009](#) - Los Angeles, California, United States
[2008](#) - Tempe, Arizona, United States
[2007](#) - Florence, Italy

Technical sponsors





ACCEPTED WORKSHOPS

- 1 On the Possible Standardization of BAN/ PN Technology
- 1 On the Security Tools and Techniques for Internet of Things (SeTTIT)
- 1 On Ultra Wide Band for Body Area Networking (UWBAN)

Find details in [Program:Workshop](#)

SPECIAL SESSION

- 1 COST-TERRA on Cognitive Radio and Regulatory Policies for BodyNets and Sensor Networks

Find details in [Program:TechnicalSession](#)

TUTORIAL

- 1 Body Area Network and Its Standardization with IEEE 802.15.6

Find details in [Program:Tutorials](#)



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