



CALL FOR PAPERS

IPSN Track on Sensor Platform, Tools and Design Methods for Networked Embedded Systems (SPOTS)

IEEE/ACM Conference on Information Processing in Sensor Networks (IPSN)

Nashville, Tennessee, Friday, April 21, 2006

SPOTS 2006 Organizers:

Chair: Joe Paradiso, MIT

Technical Program Committee:

Gaetano Boriello – University of Washington
William Butera - Intel Research
Joe Dvorak – Motorola Research
Jeremy Elson - Microsoft Research
Hans Gellersen - Lancaster University, UK
Rajesh Gupta - UCSD
William Hodgkiss - UCSD
Chalermek Intanagonwiwat – Chulalongkorn U.
Bill Kaiser - UCLA
Ralph Kling - Intel Research
Gerald Maguire - KTH Stockholm
Friedemann Mattern - ETH Zurich
Michael Niedermayer – Fraunhofer IZM
Brendan O'Flynn - Tyndall Institute, Ireland
Trevor Pering - Intel Research
Joe Polastre - Moteiv
Jim Reich - PARC
Andreas Savvides - Yale University
Howard Shrobe – MIT
Amit Sinha - Airdefense
Gaurav Sukhatme - USC
Janos Sztipanovits – Vanderbilt University
Kazuo Yano - Hitachi Research, Tokyo
Eric Yeatman - Imperial College, UK
Frank Vernon - UCSD
Chris Van Hoof – IMEC Belgium
Wayne Wolfe - Princeton University

The track on Sensor Platforms, Tools and Design Methods (SPOTS) at the IPSN conference seeks contributions that present demonstrable advances in components, chips, tools and complete platforms for networked sensor systems. The track organizers invite original submissions from authors from academia and industry addressing developments in the design methods, tools, and hardware or software artifacts that can be used in building sensor based networked embedded systems. We also invite contributions that demonstrate new application possibilities for these systems, their design, and validation tools as well as experiences from the design and deployment of such systems. The workshop scope includes:

- Embedded system platforms, platform modeling and analysis tools
- Architectural design, modeling, optimization tools for sensor nodes and networks
- Sensor components and interfaces, middleware and system services
- Experiences, including descriptions of successes and failures in the design and deployment of embedded system-platforms.

Existence of an actual platform, device and/or tool, as appropriate, is required for a contribution to be considered in IPSN/SPOTS. The prospective presenters are asked to submit a manuscript of no more than 8 pages along with a website URL containing any multimedia information related to the contribution. All submissions will be subject to IPSN review standards and guidelines. Submissions selected for presentation at IPSN/SPOTS track will be included as a part of the IPSN conference proceedings.

IPSN/SPOTS Deadlines:

Abstract Registration	November 11, 2005	Closed
Manuscript due	November 18, 2005	Closed
Acceptance Notification	January 27, 2006	
Camera-ready Copy due	February 17, 2006	

Submission Details at <http://www.cs.virginia.edu/IPSN06>