CALL FOR PAPERS – Wireless Sensor Networks Track
[DEADLINE EXTENDED]

ICCCN 2008:
17TH INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATIONS AND NETWORKS

http://www.icccn.org/icccn08/

August 4-7 2008

Frenchman's Reef & Morning Star Marriott Beach Resort
St. Thomas, US Virgin Islands, USA

Sponsors: IEEE ComSoc and Microsoft Research

Wireless Sensor Networks:
Platforms, Systems, Architectures, and Applications

Wireless sensor networks are being applied across a diverse range of application domains. These networks offer the potential to instrument the world at an unprecedented scale, and to bring the pervasive computing vision to fruition. Sensor networks are already being used to enable environmental science, secure critical infrastructure, and assist in emergency response scenarios, to name only a few applications. Looking to the future, an even broader set of applications is possible. To realize this potential, a number of fundamental research questions must be addressed.

The Wireless Sensor Networks track is focused on recent advancements in wireless sensor network platforms, software systems, algorithms, and development tools. The track is designed to foster interactions among researchers working on various aspects of wireless sensor network systems. The technical program consists of regular papers, invited papers, and research demonstrations. Distinguished speakers and panelists at ICCCN 2008 include:

- Dr. Tarek Abdelzaher (University of Illinois, Urbana-Champaign)
- Dr. Chang Wen Chen (University at Buffalo, State University of New York)
- Dr. David E. Culler (University of California, Berkeley; Arch Rock Corporation)
- Dr. Chip Elliot (BBN Technologies; National Science Foundation)
- Dr. Xenofon D. Koutsoukos (Vanderbilt University)
- Dr. P.R. Kumar (University of Illinois, Urbana-Champaign)
- Dr. Kia Makki (Florida International University)
- Dr. Mani Srivastava (University of California, Los Angeles)
- Dr. Jack Stankovic (University of Virginia)
- Dr. Guoliang Xue (Arizona State University)
- Dr. Yang Yu (Motorola Labs)

We solicit original and unpublished research results on various aspects of wireless sensor networks, including (but not limited to) the following topics:

- Hardware platforms
- Applications and systems
- Programming languages
- Programming abstractions
- Operating systems
- Middleware systems
- Testing infrastructures

- Development tools
- Fault tolerance
- Network management
- Time synchronization
- Data dissemination
- Data aggregation
- Network modeling and simulation

Submission of Manuscripts: Authors of submitted papers should indicate whether they would like to be considered for inclusion in the research demonstration program. Please follow the general submission instructions on the conference website.

Important dates: Paper submission: **March 9, 2008 [EXTENDED]**
Notification of acceptance: May 12, 2008
Camera ready papers due: June 1, 2008

Track Co-Chairs: Dr. Alvin S. Lim (Auburn University)
Dr. Jason O. Hallstrom (Clemson University)

Track Technical Program Committee:

Laurent Amanton	University of Le Havre – France
Sami Ayyorgun	Los Alamos National Laboratory
Sandip Bapat	The Samraksh Company
Richard Brooks	Clemson University
Khaled Boussetta	University of Paris 13
Ling-Jyh Chen	Academia Sinica
Michael Colagrosso	Colorado School of Mines
Alfredo Cuzzocrea	University of Calabria, Italy
Mohamed Gouda	University of Texas at Austin
Anura Jayasumana	Colorado State University
Kostas Kalpakis	University of Maryland Baltimore County
Kyoung-Don (K.D.) Kang	Binghamton University
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William Leal	Ohio State University
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Donggang Liu	University of Texas at Arlington
Eduardo Nakamura	FUCAPI
Dario Maggiorini	University of Milano
John Regehr	University of Utah
Wuxu Peng	Texas State University
Loren Rittle	Motorola Labs
Maytham Safar	Kuwait University
Gurdip Singh	Kansas State University
Nigamanth Sridhar	Cleveland State University
Junichi Suzuki	University of Massachusetts Boston
Jindong Tan	Michigan Technological University
Jian (Neil) Tang	Montana State University
Sameer Tilak	University of California at San Diego
S. Venkatesan	University of Texas at Dallas
Bing Wang	University of Connecticut
Kuang-Ching (K.C.) Wang	Clemson University
Hongyi Wu	University of Louisiana at Lafayette
Yurong Xu	Dartmouth College
Guoliang Xue	Arizona State University
Ki Hwan Yum	University of Texas at San Antonio
Bing Zhang	National Institute of Info and Communication Tech
Hongwei Zhang	Wayne State University
Lin Zhang	Tsinghua University
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Gang Zhou	College of William and Mary