



# 1<sup>st</sup> ACIS International Workshop on Self-Assembling Wireless Networks (SAWN 2005)

<http://dna.engr.uconn.edu/SAWN2005>

Towson University, Maryland, USA

May 23-25, 2005

## CALL FOR PAPERS

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The 1<sup>st</sup> ACIS International Workshop on Self-Assembling Wireless Networks (SAWN) aims at bringing together industry practitioners and researchers working on all aspects of the emerging self-assembling wireless networks, including, but not limited to:

- Modeling and optimization of heterogeneous self-assembling wireless networks
- Authentication, privacy, and security
- Dynamic networks and dynamic graph algorithms
- Dynamic frequency and channel assignment
- Multi-hop routing in heterogeneous ad hoc and sensor networks
- Multi-path forwarding for fault tolerance
- Wireless multicasting
- Performance of end-to-end protocols over wireless networks
- Data aggregation and management
- Caching and prefetching for information access in wireless networks
- Mechanisms design and cooperation enforcement
- Synchronization and scheduling issues in ad hoc wireless networks
- Resource management in mobile, wireless and ad hoc networks
- Energy saving protocols for ad hoc and sensor wireless networks
- Monitoring management in sensor networks
- Mobility and location management
- Algorithms for multimedia QoS and traffic management

The workshop will be held in conjunction with the 6<sup>th</sup> ACIS International Conference on Software Engineering, Artificial Intelligence, Networking, and Parallel/Distributed Computing (SNPD 2005). Authors are invited to submit unpublished research manuscripts of maximum 15 double-spaced pages in length (8 single-space pages in 2-column format for the final camera-ready papers). Manuscripts must be in PostScript format, and submitted electronically by following the instructions at <http://www.sigact.acm.org/~sawn05/>. We strongly encourage prospective authors to test both the submission procedures and the printability of their PostScript at least one week before the January 31<sup>st</sup> deadline. Accepted papers will appear in the SNPD2005 proceedings, to be published by IEEE. It is anticipated that a special issue of a major international journal will be devoted to the best workshop papers. Tutorial proposals are also welcomed, and should be directed to workshop organizers.

### Important Dates

|                         |                             |
|-------------------------|-----------------------------|
| Paper Due               | January 31, 2005, 23:59 EST |
| Acceptance Notification | February 21, 2005           |
| Camera ready            | March 8, 2005               |

### Registration and Accommodation

For details on registration and accommodation information, please refer to the SNPD2005 web page at <http://triton.towson.edu/snpd2005>.