

# 2013 IEEE 2nd International Workshop on Network Science (NSW 2013)

IEEE TASK FORCE ON NETWORK SCIENCE

Network Science Center  
West Point 

April 29 – May 1, 2013, Thayer Hotel, West Point, New York (USA)

<http://iee-nsw.org>

## Call for Papers

### General Chair

John L. Cole  
US Army Research Laboratory, USA

### Program Co-Chairs

Stephen D. Wolthusen  
Gjøvik University College, Norway and  
Royal Holloway, U. of London, UK

Helen Armstrong  
Curtin University, Australia

### Program Committee

Listed at Workshop Web Site

### Important Dates

**Submission of Papers:** January 14, 2013  
Notification to Authors: February 15, 2013  
Camera-ready Papers: March 18 2013  
**Workshop:** April 29 – May 1, 2013

**Tutorials** are invited with Proposals following the same dates as for Paper Submission, Notification, and Completion.

**Exhibit** space is available, and exhibitors are invited.

**Supporters** are sought, and will be acknowledged on the Workshop Web Site, in the Conference Proceedings, and at the Workshop with opportunities for displays and speaking.

### Scope Of The Workshop

Models of networks and their characteristics are essential in the study of numerous fields, and are themselves subject of research employing approaches from different disciplines. Despite disparate methods, commonalities arise in often non-obvious ways, making the exchange under a shared Network Science framework desirable. IEEE NSW 2013 will therefore bring together researchers and professionals from academia, industry, and government interested or involved in Network Science for information and communication technologies (ICT). The workshop will be organized into three tracks according to the primary domains:

- Information Delivery and Sharing
- Networks and Infrastructure
- Innovations in Social, Cognitive, and Biologically Inspired Aspects of Complex Networks

Full research papers, work-in-progress reports, R&D project results, surveying works and industrial experiences describing significant advances are invited from areas including but not limited to the following:

- Biologically Inspired Systems, Networks, Components, Strategies, and Architectures
- Command and Control (C2) relating to Military and other Networks
- Networks Affecting Critical Infrastructure and Key Resources (CIKR)
- Communication Networks
- Complex Networks
- Dependency and Interdependency Models
- Economic and Financial Networks and Systems
- Epidemiology in ICT Networks
- Hybrid Physical-Information Networks
- Information Epidemics
- Network Theory
- Physical Infrastructure Networks
- Robust, Distributed Network Transport Services
- Social-Computational Systems
- Organization Networks
- Visualization of Networks

### Instructions For Paper Submission

Submissions may be as **Full Papers** of up to 8 pages, **Short (Poster) Papers** of up to 4 pages, or **Position Papers** of up to 8 pages. While papers in all three categories will be published in the Conference Proceedings, only Full and Short papers will be included in IEEE Xplore after passing a thorough, blind peer review by at least three reviewers. Position Papers and Presentations will be posted at the Workshop Web Site with permission. To submit a paper, please follow the specific instructions posted on the Workshop Web Site (<http://iee-nsw.org>). Papers must be in English, and include bibliographies and well-marked appendices within the page length limits stated. Papers must be anonymized with no author names, affiliations, acknowledgements, or obvious references to prior work, and must not contain obvious references to authors in titles or bibliographies. Submitted papers (in PDF or PostScript format) will follow the IEEE template (see the Workshop Web Site), and start with a title, a short abstract, and a list of keywords. At least one author of each accepted paper is required to register with the Workshop and present the paper.