



## Guest Editors

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## Important dates

Paper submission:  
**18-02-2011**

Acceptance notification:  
**20-05-2011**

Final papers:  
**17-06-2011**

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# Call for Papers

## A Special Issue of *Computer Networks* on “Complex Dynamic Networks: Tools and Methods”

In the last decade, mainly motivated by the increased amount of data available for empirical studies of networked systems, many research efforts have contributed to establishing the concept of a network science to characterize, model, and analyze complex networks. This special issue is dedicated to capturing the state-of-the-art and the recent advances on tools and methods for characterizing, collecting, analyzing, or visualizing complex dynamic networks at different levels.

In this special issue, we will focus on tools and methods for:

- Gathering data from complex dynamic networks;
- Characterizing complex dynamic networks;
- Modelling complex dynamic networks;
- Analyzing complex dynamic networks;
- Visualizing complex dynamic networks;
- Studying multi-layered complex dynamic networks;
- Analyzing robustness and stability of dynamic networks;
- Investigating dynamic processes (proliferation, diffusion etc.);
- Analyzing ubiquitous (cross-modal) social networking.



## Submission format

The submitted papers must be clearly written in excellent English and describe original research which is not published nor currently under review by other journals or conferences. Papers must not exceed 25 pages (one-column, at least 11pt fonts) including figures, tables, and references. Author guidelines for preparation of manuscript can be found at <http://www.elsevier.com/locate/comnet>

## Submission Guideline

All manuscripts and any supplementary material should be submitted through Elsevier Editorial System (EES). The authors must select as “**SI: Complex Dynamic Networks**” when they reach the “Article Type” step in the submission process. The EES website is located at: <http://ees.elsevier.com/comnet/>