NetSci X Wrocław

International School and Conference on Network Science | Poland, January 11–13, 2016

http://netsci-x.net/

Important Dates

Full Paper/Abstract Submission: **October 9, 2015 (extended deadline)**
Author Notification: **October 29, 2015**
Camera-Ready Full Papers (Proceedings Track Only): **November 05, 2015**

Keynote Speakers

- Ricardo Baeza-Yates
- Albert-László Barabási
- Robin Dunbar
- Mario Gerla
- Jiawei Han
- Brian Uzzi

Invited Speakers

- Bettina Berendt
- Ulrik Brandes
- Santo Fortunato
- Janusz Hołyst
- Kristian Kersting
- Gyorgy Korniss
- Dunja Mladenič
- Mason Porter
- Balazs Vedres

Tracks

NetSci X'2016 welcomes submissions to the Proceedings Track or Abstract Track. Submissions to the Proceedings Track may be accepted for oral presentation and publication in the conference proceedings (Springer LNCS). Submissions to the Abstract Track may be accepted for oral presentation at the conference. Alternatively, submissions to both Tracks may be accepted to a joint Poster Session. Only previously unpublished, original submissions will be accepted by the Proceedings Track.

Oral and poster presenters will be exempted from the conference fee (one per presentation/poster).

Description

Network science is an emerging discipline concerned with the study of fundamental properties of networks and their models as well as their applications in domains ranging from biology and physics to computer science, from financial markets to cultural integration, and from social media to infectious diseases.

NetSci X extends the popular NetSci conference series (www.netscisociety.net/conferences) to provide an additional forum for a growing community of academics and practitioners working on formal, computational, and substantive aspects of complex networks. The conference will be highly interdisciplinary, spanning the boundaries of traditional disciplines.

Both theoretical and applied papers are of interest. Specific topics of interest include (but are not limited to):

- Applications of Network Science
- Community Structures of Networks
- Computational Aspects of Network Science
- Geometry of Complex Networks
- Information Spreading in Social Media
- Interacting Social Networks
- Link Analysis and Ranking
- Mathematical Foundations of Network Science
- Modeling Human Behavior in Complex Networks
- Models and Simulation of Complex Networks
- Multilayer Networks
- Network Controllability and Observability
- Network Evolution
- Networks as Frameworks
- Network Science Approaches to Behavioral & Social Sciences
- Network Science Approaches to Biological Systems
- Network Science Approaches to Ecology
- Network Science Approaches to Epidemics
- Network Science Approaches to Mobility
- Network Science Approaches to Technology
- Phase Transitions in Complex Networks
- Phenomena Emergence in Complex Networks
- Rumor Spreading
- Science of Success
- Search in Complex Networks
- Shocks and Bursts in Social Networks
- Structural Network Properties and Analysis
- Synchronization in Networks

Instructions for Submissions

All papers and abstracts should be submitted electronically through the conference web site **http://netsci-x.net/** in PDF format. The website includes detailed information about the submission process.

Publication in the Proceedings Track

Original papers in the above-mentioned and other related areas will be considered for publications in the Proceedings Track. Submissions will be fully refereed and will undergo a single-blind peer-review process. Each paper will be reviewed by at least three referees. Accepted papers submitted to the Proceedings Track will be published in the conference proceedings provided an author will present it at the conference. The proceedings will be published by Springer-Verlag in the Lecture Notes in Computer Science Series. Note that Springer will require that authors sign a copyright agreement, so that previously published research should not be submitted to the Proceedings Track.

Submitted full papers should follow the Springer LNCS format (please visit their website for more details).

Papers should not exceed 14 pages in this format. Some works may be accepted as short papers and shall be limited to 8 pages maximum.

General Chair

Przemysław Kazienko
Bolesław Szymański

Program Chairs of Abstract Track

Janos Kertesz
Renaud Lambiotte
Maxi San Miguel

Program Chairs of Proceedings Track

Ulrik Brandes
Dino Pedreschi
Frank Schweitzer
Adam Wierzbicki

Steering Committee

Albert-László Barabási, Northeastern University's Center for Complex Network Research (CCNR), USA
Raissa D'Souza, University of California, Davis, USA
Ronaldo Menezes, Florida Institute of Technology, USA

Main Contact for NetSci X'2016

aleksandra.kijaczko-deren@pwr.edu.pl