

CFP COMPLEX NETWORKS 2024 Istanbul Turkey December 10 - 12, 2024

13th International Conference on Complex Networks & Their Applications

Istanbul, Turkey

December 10 - 12, 2024

[COMPLEX NETWORKS 2024](#)

You are cordially invited to submit your contribution until **September 03, 2024**.

SPEAKERS (TBC)

- [Federico Battiston](#) Central European University, Austria
- [Tina Eliassi-Rad](#) Northeastern University, USA
- [Frank Emmert-Streib](#) Tampere University, Finland
- [Filippo Menczer](#) Indiana University, USA
- [Luciano Pietronero](#) University of Rome, Italy

TUTORIALS (December 09, 2024)

- [Alessandro Galeazzi](#) University of Padova, Italy
- [Clara Stegehuis](#) Twente University, The Netherlands

PUBLICATION

Full papers (not previously published up to 12 pages) and Extended Abstracts (about published or unpublished research up to 4 pages) are welcome.

- **Papers** will be included in the conference **proceedings edited by Springer**
- **Extended abstracts** will be published in the **Book of Abstracts (with ISBN)**

Extended versions will be invited for publication in **special issues of international journals**:

- [PLOS Complex Systems](#) edited by [PLOS](#).
- [PLOS One](#) edited by [PLOS](#)
- [Applied Network Science](#) edited by [Springer Nature](#)
- [Social Network Analysis and Mining](#) edited by [Springer Nature](#)
- [Entropy](#) edited by [MDPI](#)
- [Advances in Complex Systems](#) edited by World Scientific
- [Complex Systems Journal](#)

SUBMISSION:

<https://cmt3.research.microsoft.com/COMPLEXNETWORKS2024/>

TOPICS

Topics include, but are not limited to:

- Models of Complex Networks
- Structural Network Properties and Analysis
- Complex Networks and Epidemics
- Community Structure in Networks
- Community Discovery in Complex Networks
- Motif Discovery in Complex Networks
- Network Mining
- Network embedding methods
- Machine learning with graphs
- Dynamics and Evolution Patterns of Complex Networks
- Link Prediction
- Multilayer Networks

- Network Controllability
- Synchronization in Networks
- Visual Representation of Complex Networks
- Large-scale Graph Analytics
- Social Reputation, Influence, and Trust
- Information Spreading in Social Media
- Rumour and Viral Marketing in Social Networks
- Recommendation Systems and Complex Networks
- Financial and Economic Networks
- Complex Networks and Mobility
- Biological and Technological Networks
- Mobile call Networks
- Bioinformatics and Earth Sciences Applications
- Resilience and Robustness of Complex Networks
- Complex Networks for Physical Infrastructures
- Complex Networks, Smart Cities and Smart Grids
- Political networks
- Supply chain networks
- Complex networks and information systems
- Complex networks and CPS/IoT
- Graph signal processing
- Cognitive Network Science
- Network Medicine
- Network Neuroscience
- Quantifying success through network analysis
- Temporal and spatial networks
- Historical Networks

GENERAL CHAIRS

Hocine Cherifi (University of Burgundy, France)
 Murat Donduran (Yildiz Technical University, Turkey)
 Luis M. Rocha (Binghamton University, USA)

PROGRAM CHAIRS

Chantal Cherifi (University of Lyon, France)
 Onur Varol (Sabanci University, Turkey)