9th Intl. Conf. on Computational Data and Social Networks (CSoNet 2020)
Fully virtual (http://optnetsci.cise.ufl.edu/CSoNet/)
Registration fees: USD 50 (for authors and general audience), USD 20 (for full-time registered students)

CSoNet 2020 provides a premier interdisciplinary forum to bring together researchers and practitioners from all fields of big data and social networks, such as billion-scale network computing, social network/media analysis, mining, security and privacy, and deep learning. CSoNet 2020 seeks to address emerging yet important computational problems, with a focus on the fundamental background, theoretical technology development, and real-world applications associated with big data network analysis, modelling, and deep learning.

Topics of Interest
The conference solicits theoretical, methodological, empirical, and experimental research reporting original and unpublished results on computational big data and social networks. Topics of interest include, but are not limited to:

- Real-world Complex Networks Analysis
- Trends and Pattern Analysis in Social Networks
- Representation Learning on Networks
- Big Data Analysis
- Mathematical Modeling and Analysis of Real-world Social Platforms
- Network Structure Analysis and Dynamics Optimization
- Data Network Design and Architecture
- Information Diffusion Models and Techniques
- Security and Privacy in Data Networks
- Efficient Algorithms for Large-scale Data Networks Computing
- Reputation and Trust in Social Media
- Social Influence, Recommendation, and Media
- Applications of Complex Data Network Analysis
- Energy Efficiency in Mobile Data Networks
- Natural Language Understanding for Social Media
- E-commerce and Social Media Marketing
- Deep Learning on Graphs and its Application
- Stock Market Prediction and Stock Recommendation with Social Media Data
- Anomaly Detection, Security, and Privacy in Big Data Networks
- Analysis of signed and attributed real-world networks
- Multidimensional graph analysis
- Algorithmic fairness in social network analysis and graph mining

Submission
Accepted papers will be published in Springer's Lecture Notes in Computer Science, and indexed by ISI (CPCI-S, included in ISI Web of Science), EI Engineering Index (Compendex and Inspec databases), ACM Digital Library, DBLP, Google Scholar, MathSciNet, etc. Authors who are interested in the above topics can submit their unpublished work to CSoNet 2020. A clear indication of the motivation and comparison with prior related work should be presented. Simultaneous submission to a journal or another conference with refereed proceedings is not allowed. Submissions must adhere to the following guidelines:

- Papers must be formatted using the LNCS format (ftp://ftp.springernature.com/cs-proceeding/llncs/llncs2e.zip) without altering margins or the font point.
- The maximum length of a regular paper (including references) is 12 pages; 2 pages for an extended abstract.

- Proofs omitted due to space constraints must be placed in an appendix to be read by the program committee members at their discretion.

Submission link: https://easychair.org/conferences/?conf=csonet2020
Proceedings from prior years are available on https://dblp.org/db/conf/csonet/index

Best Paper Award
A best paper award will also be awarded.

Extension for Selected Best Papers
Also, extended versions of selected best papers will be invited for publication in *Journal of Combinatorial Optimization* (IF 0.843), *IEEE Transactions on Network Science and Engineering* (IF 5.213), and *Computational Social Networks*.

Important Dates
- Paper Submission: September 14, 2020
- Acceptance Notification: October 5, 2020
- Camera Ready & Registration: October 15, 2020
- Conference Dates: December 11-13, 2020

Conference Organization
General Chairs
- Valery Kalyagin, National Research University Higher School of Economics, Russia
- My T. Thai, University of Florida, USA

TPC Co-Chairs
- Sriram Chellappan — University of South Florida, USA
- Kim-Kwang Raymond Choo — University of Texas at San Antonio, USA