



an Open Access Journal by MDPI

Structure and Function of Complex Networks: Theory and Applications

Guest Editor:

Dr. Johan L.A. Dubbeldam

Department of Applied Mathematics, Delft University of Technology, Mekelweg 5, 2628 CD Delft, The Netherlands

Deadline for manuscript submissions: closed (20 January 2020)

Message from the Guest Editor

Dear Colleagues,

Complex networks are ubiquitous in society as well as in biology, physics, chemistry, and mathematics. Great progress has been made since the 1990s, and the emphasis has shifted from the topology of networks to the dynamics on networks. Currently, a lot of research is being performed on adaptive networks in which the dynamics and the topology are interacting. This has important applications in brain research, but also in opinion dynamics, and even in engineering, such as swarming robots or communication networks.

I would like to invite contributions to this Special Volume which explore new developments of dynamics of complex networks and related subjects (such as epidemic spreading, percolation, and swarming).

Specialsue

Dr. Johan L.A. Dubbeldam *Guest Editor*



mdpi.com/si/29430





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Francisco Chiclana

School of Computer Science and Informatics, De Montfort University, The Gateway, Leicester LE1 9BH, UK

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The iournal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering sociology. particularly those that and stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions. **High Visibility:** indexed within Scopus, SCIE (Web of Science), RePEc, and other databases. **Journal Rank:** JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Contact Us

Mathematics Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/mathematics mathematics@mdpi.com X@MathematicsMDPI