

Mesoscales and Evolution in Complex Networks: Applications and related topics

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Aim and motivation: the Special Issue “Mesoscales and Evolution in Complex Networks: Applications and related topics” is to promote the interaction among scientists by studying complex networks in all of the following areas: Physics, Mathematics Sociology, Computer Science, Neuroscience, and Biology as well as to up-date the knowledge in Complex Networks from its basic aspects to different applications and related topics in applied mathematics, nonlinear dynamics and statistical physics inside these two matters: Mesoscales (that level between the local scale structure and the level of macroscopical properties related to global parameters), and evolution in networks.

The topics related to be covered include:

- Topological properties.
- Algorithms and Computational tools.
- Models of interactions between complex systems.
- Synchronization and Control of nonlinear systems.
- Evolutionary dynamics on graphs.
- Social networks and dynamics.
- Mathematical Biology in complex systems.
- Networks in Neuroscience.
- Networks in Economics and Social Development.

The deadline for the open call for papers will be December the 20th.