



Workshop (W 1.9)

“Applications of network theory in various research fields”

Madeira Island, Portugal

www.ice-conference.org

This workshop presents different applications of network theory from various disciplines. It covers applications in topics like decision support systems, product management and crisis response. More specifically, how the network theory plays an important role for modelling fixed systems like the public transport system, and how various measures could assess the structural vulnerabilities of the systems. The second application is on how the network theory supports the preparation of strategies for dealing with dependencies of requirements and the control of the development process. And the third application is on how network theory helps to understand coordination specifics between different organizations involved in crisis response operations. This variety of applications aims to deliver a broader picture of network theory which opens the floor for an interactive activity with the attendees in order to identify the key issues and needs for future research and collaborations over the next years in an interdisciplinary approach.

Target Attendees

- Early stage researchers, Industry partners and practitioners

Chair:

- Marian Sorin Nistor, (sorin.nistor@unibw.de) Universität der Bundeswehr München (Germany)

Co-Chairs:

- Mr. Abdo Chahin, Universität der Bundeswehr München (Germany)
- Ms. Nadia Noori, NiTiM Graduate School

Organizing Committee: