

NEMO - Network Models, Governance and R&D collaboration networks

(Ref. 028875, FP6-2004-NEST-C1)

Cientific Responsible:

Prof. Doutor Ludwig Streit (streit@uma.pt)

Caracterization:

Multidisciplinary project, bringing together researchers from mathematics, physics, economics and sociology, which seeks to investigate the relationship between government policies and the structure and functions of R & D policies, in particular the emerging networks in the European Union Framework Programs. This project aims to identify and characterize networks to predict the evolution of these networks, to assess the role of networks on the creation, transfer and distribution of knowledge.

Objectives:

- Identify the structural properties of networks of R & D
- Modeling R & D complex networks;
- Relate the structure with the functions of complex networks of R & D
- Develop new quantitative criteria for evaluating networks.

Partners:

ARC Systems Research GmbH

Vienna University of Technology, Institute of Discrete Mathematics and Geometry

University of Bielefeld, Departement of Physics/Research centre BiBoS

Maastricht University, MERIT

Université du Luxembourg

Universität Augsburg, Economics Departement

University of Hamburg, Research Centre Media and Politics

University of Surrey, Centre for Research on Social Simulation