



## Special Three-Day Workshop on "Networks as Determinants of Economic and Political Behavior"

The idea that social relations and networks of such relations have a significant impact on economic and political behavior of individual agents at the micro level and accordingly on aggregate outcomes of individual actions at the macro level has been increasingly recognized at both academic and political levels. Although sociologists much earlier than economists and political scientists initiated the science of social networks, nowadays also economists and political scientists increasingly work on social networks. In this regard the workshop has brought together interdisciplinary scholars working in the field of social networks as determinants of economic and human behavior at the micro or macro level.

Place: Kiel Institute for the World Economy

Date: 29 - 31 August 2009

Further information on <http://www.advanced-eval.eu/workshops/networks>

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## Objectives of the workshop

The broad idea of the workshop was further subdivided into the following 3 sections:

### 1. Economics and Networks

including the topics 'Networks and Markets', 'Networks and the Firm' as well as 'Social Capital'. At the methodological level evolutionary economic and game-theoretical approaches as well as models of economic sociology are included.

### 2. The Emergence and Dynamics of Networks

including in particular work on statistical estimation of networks, e.g., Exponential Random Graph Models or Latent Space models as well as new developments in these fields.

### 3. Policy Networks

including classical policy network analysis, but also new developments on the impact of social networks on voting behavior, political accountability, and governmental performance.



## Program

| Saturday 29 August |   |
|--------------------|---|
| 8:30-9:00          | <b>Registration &amp; welcome, coffee</b>   |
| 09:00-11:00        | <p>Session 1: Emergence and Dynamics of Networks<br/>Chair: Henk Flap, Utrecht University</p> <ul style="list-style-type: none"> <li>- <b>Matthew O. Jackson</b>, Stanford University<br/>"Sorting out the roles of preferences and chance in the formation of friendship networks."</li> <li>- <b>Werner Raub</b>, Utrecht University<br/>"Trust in triads: An experimental study."<br/>with Vincent Buskens and Joris van der Veer</li> <li>- General Discussion</li> </ul> |
| 11:00-11:15        | Coffee break  |
| 11:15-13:15        | <ul style="list-style-type: none"> <li>- <b>Volker Saggau</b>, University of Kiel<br/>"Interfirm networks and knowledge spillovers: Individual advantages or collective good?"<br/>with Christian Henning</li> <li>- <b>Vincent Buskens</b>, Utrecht University<br/>"Individual choices in dynamic networks: The role of efficiency and equality."<br/>with Dennie van Dolder</li> <li>- General Discussion</li> </ul>  |
| 13:15-14:00        | Lunch   |
| 14:00-16:00        | <p>Session 2: Economic Sociology<br/>Chair: Vincent Buskens, Utrecht University</p> <ul style="list-style-type: none"> <li>- <b>Roberto M. Fernandez</b>, MIT<br/>"Creating the connection: networks, race and poverty at the hiring interface"<br/>with Enying Zheng</li> <li>- <b>Henk Flap</b>, Utrecht University<br/>"Social capital and labor market performance"</li> <li>- General Discussion</li> </ul>  |
| 16:00-16:15        | Coffee break  |
| 16:15-17:15        | <ul style="list-style-type: none"> <li>- <b>Christian Henning</b>, University of Kiel</li> <li>- "Networks, transaction cost and social exchange: Coleman's linear system of action revisited"</li> <li>- General Discussion</li> </ul>   |
| 17:15-17:30        | Close of day one  |
| 19:30              | Boattrip on the Baltic Sea and dinner at restaurant "Louf"  |



| Sunday 30 August |  |
|------------------|--|
| 9:00-11:00       | <p>Session 3: Evolutionary Approaches to Networks<br/>Chair: Christian Henning, University of Kiel</p> <ul style="list-style-type: none"> <li>- <b>Thomas Lux</b>, University of Kiel<br/>"Mass psychology in action: Identification of social interaction effects in financial and economic sentiment data"<br/>with Mishael Milaković and Simone Alfarano</li> <li>- <b>Christian Henning</b>, University of Kiel<br/>"Networks, belief formation and diversification of the farm sector: A micro-macro linked ABM-CGE approach"<br/>with Volker Saggau and Johannes Hedtrich</li> <li>- General Discussion</li> </ul> |
| 11:00-11:15      | Coffee break   |
| 11:15-13:15      | <ul style="list-style-type: none"> <li>- <b>Herbert Dawid</b>, University of Bielefeld<br/>"Effects of the Spatial Skill Distribution on Technological Change and Growth"<br/>with S. Gemkow, P. Harting, M. Neugart</li> <li>- <b>Mishael Milaković</b>, University of Kiel<br/>"Network hierarchy in Kirman's ant model: Fund investment can create systemic risk."<br/>with Simone Alfarano and Matthias Raddant</li> <li>- General Discussion</li> </ul>   |
| 13:15-14:00      | Lunch  |
| 14:00-16:00      | <p>Session 4 : Statistical approaches to the emergence of networks<br/>Chair: Christian Henning, University of Kiel</p> <ul style="list-style-type: none"> <li>- <b>Tom A. B. Snijders</b>, Oxford University<br/>"Analysing the joint dynamics of several networks"</li> <li>- <b>Christian Assmann</b>, University of Kiel<br/>"Estimating large-scale networks based on a sample of EGO-centered network data"<br/>with Christian Henning</li> <li>- General Discussion</li> </ul>  |
| 16:00-16:15      | Coffee break   |
| 16:15-17:15      | <ul style="list-style-type: none"> <li>- <b>Michael D. Ward</b>, University of Washington<br/>"Gravity's Rainbow: Dynamic Analysis of the Global Trade Network"</li> <li>- General Discussion</li> </ul>   |
| 17:15-17:30      | Close of day two   |
| 19:30            | Reception at the restaurant "Kieler Kaufmann"  |



| Monday 31 August |  |
|------------------|--|
| 9:00-11:00       | <p>Session 5 : Networks and Markets<br/>Chair: Volker Saggau, University of Kiel</p> <ul style="list-style-type: none"> <li>- <b>S. Nageeb Ali</b>, University of California<br/>"Enforcing cooperation in networked societies"</li> <li>- <b>Ezra Zuckermann</b>, MIT<br/>"TBA"</li> <li>- General Discussion</li> </ul>  |
| 11:00-11:15      | Coffee break   |
| 11:15-13:15      | <p>Short paper session on: "Networks as determinants of rural development"</p> <ul style="list-style-type: none"> <li>- <b>Nana Zarnekow</b>, University of Kiel<br/>"Networks as determinants of rural migration and it's impact on rural development"</li> <li>- <b>Jiangping Han</b>, University of Kiel<br/>"Firm-government network relations and economic performance in rural China"</li> <li>- <b>Geraldine Henningsen</b>, University of Kiel<br/>"Estimating the impact of social networks on transaction costs and economic performance at the micro and macro level"</li> <li>- <b>Hendrik Tietje</b>, University of Kiel<br/>"Networks as determinants of farm exit decisions"</li> </ul> <p>All short papers with Christian Henning</p> <ul style="list-style-type: none"> <li>- General Discussion</li> </ul> |
| 13:15-14:00      | Lunch  |
| 14:00-16:00      | <p>Session 6: Policy Networks<br/>Chair: Vincent Buskens, Utrecht University</p> <ul style="list-style-type: none"> <li>- <b>Brian Rubineau</b>, Cornell University<br/>"Influence pathways: Network effects on political attitudes and behaviors"<br/>with David Lazer and Michael Neblo</li> <li>- <b>Susumu Shikano</b>, University of Konstanz<br/>"The impact of social networks on voter behavior and local government performance"<br/>with Christian Henning</li> <li>- General Discussion</li> </ul>  |
| 16:00            | End of the workshop  |