

## APPENDIX

### Networking Workshop in Stockholm, Sweden 5–7 September 2007

hosted by The Beijer International Institute of Ecological Economics

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#### TITLE: “Studying Challenges of the Global Commons: Connecting Researchers with Complementary Interests”

**Aims:** Members of the SENSE, SOCCOP, DynCoopNet and REPSOCBIOL projects will present ideas on the evolution of cooperation in relation to problems of managing the global commons. The SENSE and SOCCOP groups focus on unraveling rules that govern the evolution of human cooperative behavior. The DynCoopNet team focuses on issues of the development of norms, their enforcement, and what distinguishes situations in which trust and cooperation build from those in which cooperation breaks down or never develops. REPSOCBIOL is titled “The role of reputations in human cooperation: Bridging social and biological approaches.” Bringing members of these teams together, in conjunction with members of the Beijer Institute who focus on global commons governance, will provide synergy and enable us to explore how our proposed modeling and empirical studies can be integrated to identify strategies that enhance cooperation and help attenuate ‘Tragedies of the Commons’ at local, regional and global scales.

The program will begin with overviews of the SENSE, SOCCOP and DynCoopNet projects by the team leaders. Short presentations by the principal investigators from the various projects will follow. These presentations will focus on: cooperation and punishment; cooperation and social norms; and issues of the ‘commons’. Group discussion will follow and will help team members modify and integrate their investigations. Syntheses and next steps will wrap up the networking workshop. The Beijer Institute has graciously offered to host the meeting.

#### Timetable of Events

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##### Wednesday, 5 September

###### *Morning.*

Participants arrive, check-in and lunch

###### *Afternoon.*

2:00 Welcome and introductions (Simon Levin)

2:15 Brief overviews of CRPs:

SENSE project leader, Simon Levin, SOCCOP project leader, Herb Gintis, and DynCoopNet project leader, Jack Owens will present summaries of their research programs and issues to be examined by the assembled group.

3:15 **Cooperation and Punishment**

Karl Sigmund (SENSE): The role of punishment and the evolution of cooperation

Herb Gintis (SOCCOP): The nature and evolution of altruistic punishment and prosocial emotions in *H. sapiens*

4:30 Discussion, led by Eric Maskin (TECT)

- 5:00 Break for dinner  
6:30 Dinner, Wedholm's Restaurant

#### **Thursday, 6 September**

##### *Morning.*

- 9:00 **Cooperation and Social Norms**  
Dan Rubenstein (SENSE): The role of status and reputation and the evolution of cooperation and social norms  
Jack Owens (DynCoopNet): Was there really no coercion? Merchant cooperation in the long-distance trading networks of the first global age
- 10:30 Coffee Break
- 11:00 Discussion, led by Debbie Prentice (TECT)  
The role of experiments
- 12:30 Break for lunch—Klubvilla

##### *Afternoon.*

- 2:00 **The Commons**  
Aart de Zeeuw (SENSE): Developing national and international strategies for governing the commons  
Hanna Kokko (REPSOCBIOL): The tragedy of the commons in evolutionary biology (tentative title)
- 3:30 Coffee Break
- 4:15 Simon Levin (TECT): Modeling the emergence of social norms
- 5:00 Discussion, led by Dan Rubenstein (TECT)
- 5:30 Break for dinner
- 7:00 Dinner at Fem Sma Hus

#### **Friday, 7 September**

##### *Morning.*

- 9:00 **Syntheses and Next Steps** (Levin, Gintis and Owens)  
Discussion by the group

## TECT Participants and Affiliations

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### SENSE

**Simon A. Levin** (*CRP Project Leader–USA*)  
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### SOCCOP

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### DynCoopNet

**J. B. 'Jack' Owens** (*PI–USA*)  
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### REPSOCBIOL

**Hanna Kokko** (*PI–Finland*)  
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### Additional Discussants and Affiliations

**Adrian de Froment** (*email: [adriande@princeton.edu](mailto:adriande@princeton.edu)*) is a graduate student working with the U.S. project, under the direction of Simon Levin. His thesis work at Princeton is on theoretical and experimental approaches to the study of the evolution of cooperation; Rubenstein and Prentice are members of his thesis advisory committee.

**Dutch IRP PI Aart de Zeeuw** (*email: [A.J.deZeeuw@uvt.nl](mailto:A.J.deZeeuw@uvt.nl)*) is Co-director of the Beijer Institute, which makes a linkage with his colleagues there a natural for the project. Furthermore, the Beijer Institute (<http://www.beijer.kva.se/>) has agreed to host the meeting, and participants from their group would join at no cost.

#### **Those who have been invited informally are:**

**Carl Folke**, member of the Swedish Academy of Sciences and Director of Beijer, whose research interests have focused on cooperation, local governance and the management of fisheries and other resource systems. He has accepted (for part of the meeting at least).

**Karl-Goran Maler**, member of the Swedish Academy and previous Director of Beijer, and is one of the most distinguished environmental economists in the world. Winner of the Volvo Environmental Prize, among other distinctions, he has led the development of methods for sound economic approaches to ecosystem services, green accounting and the inclusion of social costs into environmental economic frameworks. He has been invited, but not yet confirmed.

**Jon Norberg**, one of the most brilliant young scientists in Sweden addressing problems in environmental economics, a former postdoctoral fellow with Simon Levin, and now an Assistant Professor in the Department of Systems Ecology at the University of Stockholm (adjacent to Beijer). He has accepted.

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