

# Working Group on Physics of Socio-economic Systems

## Arbeitskreis Physik sozio-ökonomischer Systeme (AGSOE)

Prof. Dr. Dirk Helbing  
 ETH, Chair of Sociology, in particular of Modeling and Simulation  
 Universitätstrasse 41, CH-8092 Zürich, dhelbing@ethz.ch

### Overview of Invited Talks and Sessions

(lecture rooms BAR 205, HSZ 403, HSZ 02, HSZ 01, and BAR SCHÖ; Poster P1B)

#### Invited Talks

AGSOE 2.1	Mon	9:30–10:15	BAR 205	<b>Anatomy of financial crashes: an agent based model of the leverage cycle</b> — ●STEFAN THURNER
AGSOE 7.1	Tue	9:30–10:15	BAR 205	<b>Growth, Innovation, Scaling, and the Pace of Life in Cities</b> — ●LUIS BETTENCOURT
AGSOE 10.1	Wed	9:30–10:15	BAR 205	<b>Cooperation supported by Darwinian selection of evolutionary rules</b> — ●GYORGY SZABO
AGSOE 16.1	Thu	9:30–10:15	BAR 205	<b>Group Path Formation in Physical and Abstract Spaces</b> — ●ROBERT GOLDSTONE

#### Award Ceremony of the Young Scientist Award for Socio- and Econophysics

AGSOE 13.1	Wed	16:15–17:00	HSZ 02	<b>The calculus of selfishness</b> — ●KARL SIGMUND
AGSOE 13.2	Wed	17:15–17:55	HSZ 02	<b>Using the Web to do Social Science</b> — ●DUNCAN J. WATTS

#### Public Evening Lecture (in German)

AGSOE 15.1	Wed	20:00–21:00	HSZ 01	<b>Wie Kooperation unter Egoisten entsteht</b> — ●MARTIN NOWAK
------------	-----	-------------	--------	--

#### Session Overview

AGSOE 1.1–1.1	Sun	16:00–19:00	HSZ 403	<b>Tutorial</b>
AGSOE 2.1–2.1	Mon	9:30–10:15	BAR 205	<b>Financial Markets and Risk Management I</b>
AGSOE 3.1–3.7	Mon	10:15–12:45	BAR 205	<b>Financial Markets and Risk Management II</b>
AGSOE 4.1–4.5	Mon	14:00–16:00	BAR 205	<b>Financial Markets and Risk Management III</b>
AGSOE 5.1–5.5	Mon	16:00–17:45	BAR 205	<b>Social Systems, Opinion and Group Dynamics</b>
AGSOE 6	Mon	18:00–19:00	BAR 205	<b>Meeting of Members of AGSOE</b>
AGSOE 7.1–7.1	Tue	9:30–10:15	BAR 205	<b>Traffic Dynamics, Urban and Regional Systems I</b>
AGSOE 8.1–8.6	Tue	10:15–12:45	BAR 205	<b>Traffic Dynamics, Urban and Regional Systems II</b>
AGSOE 9.1–9.4	Tue	14:00–16:00	BAR 205	<b>Economic Models and Evolutionary Game Theory I</b>
AGSOE 10.1–10.1	Wed	9:30–10:15	BAR 205	<b>Economic Models and Evolutionary Game Theory II</b>
AGSOE 11.1–11.5	Wed	10:15–12:45	BAR 205	<b>Economic Models and Evolutionary Game Theory III</b>
AGSOE 12.1–12.4	Wed	14:00–16:00	BAR 205	<b>Economic Models and Evolutionary Game Theory IV</b>
AGSOE 13.1–13.2	Wed	16:15–18:00	HSZ 02	<b>Award Ceremony: Young Scientist Award for Socio- and Econophysics</b>
AGSOE 14.1–14.12	Wed	18:00–20:00	P1B	<b>Poster Session</b>
AGSOE 15.1–15.1	Wed	20:00–21:00	HSZ 01	<b>Public Evening Lecture</b>
AGSOE 16.1–16.1	Thu	9:30–10:15	BAR 205	<b>Networks: From Topology to Dynamics I</b>
AGSOE 17.1–17.5	Thu	10:15–12:45	BAR 205	<b>Networks: From Topology to Dynamics II</b>
AGSOE 18.1–18.4	Thu	14:00–16:00	BAR 205	<b>Networks: From Topology to Dynamics III</b>
AGSOE 19.1–19.4	Thu	16:00–18:00	BAR 205	<b>Networks: From Topology to Dynamics IV</b>

**Symposium: Data Analysis in Complex Systems: From Data to Models**

Friday: 10:15–13:30, BAR SCHÖ, See separate Program SYCS for details.

**“Maps of Science” Poster Exhibition by Katy Borner et al.**

Monday–Friday 3rd floor in HSZ

**Annual General Meeting Working Group on Physics of Socio-economic Systems**

Monday 18:00–19:00 BAR 205