Physics of Socio-economic Systems Division Fachverband Physik sozio-ökonomischer Systeme (SOE)

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Overview of Invited Talks and Sessions

(lecture rooms H10, H44, H46 and H1; Poster C)

Plenary Talks related to SOE

PV X Thu 8:30− 9:15 H1 Complex Networks: From Statistical Physics to the Cell — •Albert Laszlo Barabasi

Tutorial

SOE 1.1 Sun 16:00–18:00 H10 **Time Series Analysis in Sociophysics and Econophysics** — •Johannes J. Schneider, •Tobias Preis

Invited Talks

SOE 2.1	Mon	9:30-10:15	H44	Don't panic! - The physics of pedestrian dynamics and evacuation
				processes — •Andreas Schadschneider
SOE 7.1	Tue	9:30-10:00	H44	Humans playing spatial games — •Arne Traulsen
SOE 12.1	Wed	9:30-10:15	H44	The hidden complexity of open source software — •Frank Schweitzer
SOE 17.1	Thu	9:30-10:15	H44	Wave localization in complex networks — ●JAN W. KANTELHARDT
SOE 22.1	Fri	9:30-10:15	H44	Hypergraphs and social systems — •GUIDO CALDARELLI

Focus Session: Science of Science

SOE 4.1	Mon	13:30-14:00	H44	Following the actors: individual and collective behavior in epistemic		
				landscapes — •Andrea Scharnhorst		
SOE 4.2	Mon	14:00-14:30	H44	Tracking science in real-time from large-scale usage data. — •JOHAN		
				Bollen		
SOE 4.3	Mon	14:45-15:15	H44	Mapping change in science — •Martin Rosvall, Carl Bergstrom		
SOE 4.4	Mon	15:15-15:45	H44	Statistical physics of citation behavior — •Santo Fortunato		

Young Scientist Award for Socio- and Econophysics

SOE 5.1	Mon	16:00-16:45	H44	Tying the double knot: Robustness of interconnected networks — •Shlomo Havlin
SOE 5.2	Mon	17:00-17:45	H44	Unveiling the patterns of human mobility and global disease dynamics — •DIRK BROCKMANN

Sessions

SOE 1.1–1.1	Sun	16:00-18:00	H10	Tutorial: Time Series Analysis in Sociophysics and Econo-
COE 0.1.0.1	3.6	0.00 10.15	TT 4.4	physics
SOE $2.1-2.1$	Mon	9:30-10:15	H44	Traffic Dynamics, Urban and Regional Systems I
SOE $3.1-3.6$	Mon	10:15-12:00	H44	Traffic Dynamics, Urban and Regional Systems II
SOE $4.1-4.4$	Mon	13:30-15:45	H44	Focus Session: Science of Science
SOE $5.1-5.2$	Mon	16:00-18:00	H44	Award Ceremony: Young Scientist Award for Socio- and
				Econophysics
SOE $6.1-6.8$	Mon	18:00-20:00	Poster C	Poster Session
SOE $7.1-7.5$	Tue	9:30-11:00	H44	Evolutionary Game Theory I (with BP)
SOE $8.1 - 8.5$	Tue	11:15-12:30	H44	Evolutionary Game Theory II (with BP)
$SOE \ 9.1-9.2$	Tue	12:30-13:30	H44	Social Systems, Opinion and Group Dynamics I
SOE $10.1-10.7$	Tue	14:00-16:00	H44	Evolutionary Game Theory III (with BP)
SOE 11	Tue	16:00-16:30	H44	SOE Members' Assembly
SOE 12.1–12.1	Wed	9:30-10:15	H44	Social Systems, Opinion and Group Dynamics II
SOE 13.1–13.9	Wed	10:15-12:45	H44	Networks: From Topology to Dynamics I (with BP, DY)
SOE 14.1–14.8	Wed	14:00-16:00	H44	Social Systems, Opinion and Group Dynamics III
SOE $15.1-15.4$	Wed	16:00-18:00	H44	Financial Markets and Risk Management I
SOE 17.1–17.1	Thu	9:30-10:15	H44	Networks: From Topology to Dynamics II (with BP, DY)
SOE 18.1–18.10	Thu	10:15-13:00	H44	Networks: From Topology to Dynamics III (with BP, DY)
SOE $19.1-19.7$	Thu	14:00-16:00	H44	Networks: From Topology to Dynamics IV (with BP, DY)
SOE $20.1 - 20.5$	Thu	16:00-17:15	H44	Networks: From Topology to Dynamics V (with BP, DY)
SOE $21.1-21.6$	Thu	10:15-13:30	H46	Financial Markets and Risk Management II
SOE $22.1-22.1$	Fri	9:30-10:15	H44	Social Systems, Opinion and Group Dynamics III
SOE $23.1-23.5$	Fri	10:15-13:00	H44	Financial Markets and Risk Management III

Annual General Meeting of the Physics of Socio-economic Systems Division

Tue 16:00–16:30 H44