



Physics of Socio-Economic Systems Division

DPG Spring Meeting Berlin, March 15 - 20, 2015

SCOPE

- Financial Markets and Risk Management
- Economic Models and Evolutionary Game Theory
- Traffic Dynamics, Urban and Regional Systems
- Social Systems, Opinion and Group Dynamics
- Networks: From Topology to Dynamics

SYMPOSIUM

“Physics of sustainability and human-nature-interactions”

(joint with DY and jDPG, organized by Reik Donner and Diego Rybski [Potsdam])

Anna Nagurney (Amherst, USA)

“Design of sustainable supply chain networks for sustainable cities”

Hermann Held (Hamburg, Germany)

“Dynamical effects of climate investment under uncertainty”

Salvador Pueyo (Barcelona, Spanien)

“Ecological econophysics for degrowth”

Tim Lenton (Exeter, UK)

“Physics concepts to anticipating and avoiding critical transitions”

KEYNOTE SPEECH

Simon Levin (Princeton, USA)

“Collective motion, collective decision-making and collective action:
From microbes to societies”

INVITED SPEAKERS

Duncan Watts (New York, USA)

“Computational social science: Exciting progress and future challenges”

Luis Bettencourt (Santa Fe, USA)

“Cities, scaling and sustainability”

FOCUS SESSION

“Complex contagion phenomena: Networks, cascades and feedback”

(organized by Fakhteh Ghanbarnejad and Dirk Brockmann) Call for contributions!

Registration via <http://berlin15.dpg-tagungen.de/index.html?lang=en&>

Deadline for abstract submission: December 1st 2014

Young Scientist Award: Call for nominations (deadline December 1st 2014) at

<https://www.dpg-physik.de/dpg/gliederung/fv/soe/YSA/formular-call/call.html>



CONTACT

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Chairmen of the Physics of Socio-Economic Systems Division (SOE), <http://www.phi-soe.de/>

TUTORIAL LECTURES

**“From spin models
to macroeconomics”**

Sylvie Geisendorf (Berlin),
Sebastian Krause (Zagreb),
Katarzyna Sznajd-Weron (Wroclaw)

“YOUNG SCIENTIST AWARD FOR SOCIO- AND ECONOPHYSICS”

Keynote Speech & Prize Talk