Earth League Symposium on Transformation Now!

*PIK Trefoil*
*Albert Einstein Science Park, Potsdam, Germany*

Organised for the Earth League by
- the Potsdam Institute for Climate Impact Research (PIK)
- the Stockholm Resilience Centre (SRC)
- the Planetary Boundaries Research Network (PB-net)
- and Centre of Excellence on Transformations of Human-Environment Systems at Humboldt University zu Berlin (THESys).

Day 1, Monday, January 23, 2017

**Earth League Annual Meeting**
09:30   Internal Business Session of the Earth League (members only)
12:30   *Lunch*

**Earth League Symposium “Transformation Now!”**
14:00   Welcome to PIK and the Symposium (John Schellnhuber)
14:10   Welcome from the Earth League Chair (Johan Rockström)
14:20   Transformation, Modernisation, Global Megatrends (Ottmar Edenhofer)
14:50   Innovations, Technologies and Scaling-Up (Nebojsa Nakicenovic)
15:15   Discussion
15:45   *Coffee break*
16:15   Inducing Transformation: Results from the Earth League Elicitation (Ilona Otto)
16:30   Renewables in Asia: Leverage and Effects (Veerabhadran Ramanathan)
16:45   Evidence-Based Narratives on Transformative Trajectories (Peter Schlosser)
17:00   Turning Scientific Evidence into Transformative Policies (Hironori Hamanaka) *(if he attends; else Brian Hoskins)*
17:15   Discussion
17:45   End
Earth League Reception and Science-Meets-Art Event: “How can a Minority tip the Majority? Inducing Transformations on the Ground”

19:30 Event & Reception with prominent artist & scientific reflections at the Potsdam Museum
Discussants:
Transformation perspectives for South America and the Amazon region (Carlos Nobre)
Climate and Transformation Discourses in South America (Carolina Vera) (if he attends)
World regional diversity and transformation (Tanya Abrahamse) (if she attends)
Artist(s):
under negotiation

Day 2, Tuesday, January 24, 2017

09:30 Brief Opening Remarks and Reflection on Day 1 (Johan Rockström)
09:40 Disrupting Major Cycles: Recent Results from Earth System Analysis (Ricarda Winkelmann)
09:55 Modelling Feedback Loops between Societies and the Environment (Jonathan Donges)
10:10 Modelling Pathways: Economics under Environmental Constraints (Elmar Kriegler)
10:30 Coffee break
11:00 Panel Discussion “Decarbonisation and a Global Transformation Roadmap"
   (a) Facts, Appeals and Narratives
   (b) Who are the Effective Actors and Partners of Science?
   tbd: Brian Hoskins, Peng Gong, John Schellnhuber, Leena Srivastava + 2 guests?
12:00 Wrap-Up: Thinking Through Transformation
12:30 End Symposium
12:30 Lunch

Earth League Annual Meeting (Continued)

13:30 Internal Business Session of the Earth League (members only)
   Part 2: Conclusions, plans, strategy, agenda
16:30 Close
19:00 Dinner


LOOPS-3 Workshop 2017 Transformative change and social-ecological resilience in the World-Earth system: modeling, concepts and data

09:30 LOOPS Workshop / 17:30 LOOPS End Day 1
09:30 LOOPS Workshop Day 2 / 13:00 LOOPS End Day 2