VISIONS FOR COMPLEXITY

OPENING CONFERENCE OF THE
COMPLEXITY SCIENCE HUB VIENNA
MAY 23, 2016, 9 AM – 5 PM

PALAIS STROZZI
JOSEFSTÄDTER STRASSE 39
A 1080 VIENNA
ABOUT THE CONFERENCE

On May 23, the new location of the Complexity Science Hub Vienna at the Palais Strozzi will be inaugurated with the conference “Visions for Complexity”. Thirty-five internationally acclaimed scientists will share their vision for complexity science in the next decade, how complexity science and big data science could help society to tackle the grand challenges, and how the new hub in Vienna might be a beneficial facilitator on this path. In the evening, we will celebrate with our founding fathers & mothers, thank our supporters and provide you with our vision for complexity. We look forward to welcoming you on this occasion.

ABOUT THE COMPLEXITY SCIENCE HUB VIENNA

The objective of CSH is to host, educate, and inspire complex systems scientists who are dedicated to collect, handle, aggregate, and make sense of big data in ways that are directly valuable for science and society. Focus areas include smart cities, innovation dynamics, medical, social, ecological, and economic systems. CSH is a joint initiative of AIT Austrian Institute of Technology, IIASA International Institute for Applied Systems Analysis, Medical University of Vienna, Vienna University of Technology, Graz University of Technology, and Vienna University of Economics and Business.
TIMELINE

08:30-09:00  Registration & Coffee
09:00-09:15  Welcome
09:15-10:30  Session 1: Visions for Complexity
             DAVID KRAKAUER, President, Santa Fe Institute
             IMRE KONDOR, Corvinus University, Budapest; Parmenides Foundation, Munich
             LUCIANO PIETRONERO, Sapienza University, Rome
             MATJAZ PERC, Director, Complex Systems Center Maribor; University of Maribor
             HENRIK JELDTOFT JENSEN, Imperial College London
             KIM SNEPPEN, Director, Center for Models of Life, Niels Bohr Institute, University of Copenhagen
             HYEJIN YOUN, Institute for New Economic Thinking, Oxford University
             FRANCOIS TADDEI, Director, Center for Research and Interdisciplinarity, Paris
             FRANK SCHWEITZER, ETH Zurich

10:30-11:00  Coffee Break
11:00-12:30  Session 2: Visions for Complexity
             YAMIR MORENO, Head of the Complex Systems and Networks Lab COSNET; University of Zaragoza
             GUIDO CALDARELLI, IMT Institute for Advanced Studies, Lucca; LIMS fellow
             GERHARD SCHMITT, ETH Zurich; ETH Zurich Senior Vice President for ETH Global
             ALBERT DIAZ-GUILERA, President, complexitat.cat, Universitat de Barcelona
             KAROLINE WIESNER, Co-director, Bristol Center for Complexity Sciences, University of Bristol
             MANFRED LAUBICHLER, Arizona State University; Santa Fe Institute
             PETER M.A. SLOOT, Co-director, Complexity Institute, NTU Singapore; University of Amsterdam; ITMO, St. Petersburg
             STEPHEN GUERIN, Founder & CEO, Simtable LLC; Santa Fe Institute
             STUART KAUFFMAN, The Institute for Systems Biology, Seattle
             VITO LATORA, Queen Mary University of London
12:30-14:00  Lunch

14:00-15:30  Session 3: Visions for Complexity

SIMON DEDEO, Indiana University; Santa Fe Institute
TIZINA DI MATTEO, King's College London
MAXI SAN MIGUEL, Director, IFISC, Palma de Mallorca; University of the Balearic Islands
PAUL BOURGINE, French National Centre for Scientific Research CNRS
JAN WOUTER VASBINDER, Director, Para Limes, NTU Singapore
BOSILJKA TADIC, Jožef Stefan Institute, Ljubljana
GEOFFREY WEST, Past President, Santa Fe Institute
STEPHEN LANSING, Co-director, Complexity Institute, NTU Singapore; Santa Fe Institute
ROSARIO MANTEGNA, Central European University, Budapest; Palermo University
PETER SCHUSTER, University of Vienna

15:30-16:00  Coffee Break

16:00-17:00  Session 4: Visions for Complexity

MARKUS SCHLAPFER, ETH Future Cities Laboratory Singapore
VITTORIO LORETO, Sapienza University, Rome; ISI Foundation
HELGA NOWOTNY, ETH Zurich; former President, European Research Council
BERTIL ANDERSSON, President, NTU Singapore
RENAUD LAMBIOTTE, Director, Namur Center for Complex Systems; University of Namur
STEFAN THURNER, President, Complexity Science Hub Vienna; Medical University of Vienna; IIASA; Santa Fe Institute

17:00  End of Conference

19:00-22:00  Opening Party