



COMPLEXITY
SCIENCE
HUB
VIENNA

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, Jozef 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