O.P. Jindal Global University
A Private University Promoting Public Service

Jindal School of Government and Public Policy
India's First Public Policy School

Inauguration

of

CENTRE FOR COMPLEXITY ECONOMICS, APPLIED SPIRITUALITY AND PUBLIC POLICY (CEASP)

and

PANEL DISCUSSION

on

COMPLEXITY ECONOMICS

PROF. DABIRU SRIDHAR PATNAIK
REGISTRAR
O. P. JINDAL GLOBAL UNIVERSITY (JGU)

WELCOME ADDRESS

PROF. R. SUDARSHAN
FOUNDING DEAN
JINDAL SCHOOL OF GOVERNMENT AND PUBLIC POLICY

CHAIRPERSON

PROF. NARESH SINGH
HONORARY DIRECTOR,
CENTRE FOR COMPLEXITY ECONOMICS,
APPLIED SPIRITUALITY AND PUBLIC POLICY, JGU

MODERATOR

SPEAKERS

PROF. W. BRIAN ARTHUR
ECONOMIST AND COMPLEXITY THINKER

PROF. J. DOYNE FARMER
DIRECTOR,
THE COMPLEXITY ECONOMICS PROGRAMME
THE INSTITUTE FOR NEW ECONOMIC THINKING
OXFORD MARTIN SCHOOL

PANELLISTS

DR. ANINDYA S. CHAKRABARTI
ASSISTANT PROFESSOR OF ECONOMICS
INDIAN INSTITUTE OF MANAGEMENT
AHMEDABAD

PROF. ANIRBAN CHAKRABORTI
PROFESSOR
SCHOOL OF COMPUTATIONAL AND INTEGRATIVE SCIENCES,
JAWAHARLAL NEHRU UNIVERSITY

PROF. ATTILIO STELLA
PROFESSOR OF THEORETICAL PHYSICS
UNIVERSITY OF PADOVA

PROF. STEFAN THURNER
PROFESSOR FOR SCIENCE OF COMPLEX SYSTEMS
MEDICAL UNIVERSITY OF VIENNA

VOTE OF THANKS

Dr. Debajit Jha, Deputy Executive Director, Centre for Complexity Economics, Applied Spirituality and Public Policy, Jindal School of Government and Public Policy, O. P. Jindal Global University.

WED | 23 SEP 2020 **07:30 PM**

YouTube https://www.youtube.com/c/jguvideo/live

LIVE https://www.facebook.com/JindalGlobalUNI/

RSVP: Mr. Lalit Mohan Singh Nepolia, 7027850110, lmsnepolia@jgu.edu.in

BIO OF MODERATOR

Prof. Naresh Singh is the Honorary Director, Centre for Complexity Economics, Applied Spirituality and Public Policy, JGU. His scholarly work on complexity theory started 25 years ago at the IISD in Canada, in his search for a theory of sustainable development. Catalyzed with a visit to the Santa Fe Institute, it has continued since through stints at Universities of Waterloo and Harvard. His recent book chapter: "Development as Emergent Creativity" is in press at Lexington Books. Dr. Singh has been a senior policy adviser to the Governments of the Caribbean, the Canadian Government, the United Nations and several of its member States and the Commonwealth.

BIOS OF SPEAKERS

Prof. W. Brian Arthur is a leading economist and complexity thinker. In the 1980s he led the group at the Santa Fe Institute that developed and named "complexity economics." He is also known for his work on how increasing returns lock markets in to the domination of a single player. Brian Arthur held the Morrison Chair of Economics and Population Studies at Stanford from 1983 to 1996. Among his honors are the Lagrange Prize in Complexity Science (considered complexity science's "Nobel"), the international Schumpeter Prize, and 2 honorary doctorates.

Prof. J. Doyne Farmer is Director of the Complexity Economics programme at the Institute for New Economic Thinking at the Oxford Martin School, Baillie Gifford Professor in the Mathematical Institute at the University of Oxford and an External Professor at the Santa Fe Institute. His current research is in economics, including agent-based modelling, financial instability and technological progress. He was a founder of Prediction Company, a quantitative automated trading firm that was sold to the United Bank of Switzerland in 2006. His past research includes complex systems, dynamical systems theory, time series analysis and theoretical biology. He was an Oppenheimer Fellow and the founder of the Complex Systems Group at Los Alamos National Laboratory.

BIOS OF PANELLISTS

Dr. Anindya S. Chakrabarti is an assistant professor of economics at the Indian Institute of Management Ahmedabad, a premier business school in Asia. He had received a Ph.D. in Economics from Boston University. He currently heads the high-performance computational laboratory at the IIM, Ahmedabad. He has co-edited a book on Network Theory and Agent-based Modeling in Economics and Finance published by Springer, Singapore. He has published in internationally reputed journals in economics, physics and applied mathematics. His main research interests are in the characterization and modeling of large scale economic and financial networks, business cycles and firm-level granularity, coordination and learning in multi-agent systems, big data and machine learning in economics and public policy, and geometry of networks and complex dynamics.

Prof. Anirban Chakraborti is a Professor at the School of Computational and Integrative Sciences, Jawaharlal Nehru University. He has a Ph.D. in Physics from Saha Institute of Nuclear Physics and the Habilitation (HDR) in Physics from Université Pierre et Marie Curie. He has worked in many reputed universities and research institutions in India, Europe, Japan and USA. He was awarded the prestigious Young Scientist Medal of the Indian National Science Academy in 2009. He has published several books and research articles in the areas of Econophysics, Sociophysics, Data Science, Complex Systems, Statistical Physics, Quantum Physics and Nanomaterial Science.

Prof. Attilio Stella is a Professor of Theoretical Physics at the University of Padova and a Member of the Istituto Veneto di Scienze Lettere ed Arti and of the Accademia Galileiana. He obtained the Laurea in Fisica "cum laude" in 1972 at the University of Padova, Italy, and later a Ph.D. in 1981 from the Katholieke Universiteit Leuven, Leuven, Belgium. He has made recent contributions to the field of Complexity Economics and Econophysics. His other major research areas are in the field of statistical physics, such as renormalization group theory, critical phenomena, quantum statistical systems, polymer physics, soft matter, self-organized criticality, and complex systems.

Prof. Stefan Thurner is full professor for Science of Complex Systems at the Medical University of Vienna, where he chairs Section for Science of Complex Systems. He is external professor at the Santa Fe Institute, senior researcher at IIASA, and president of the Complexity Science Hub Vienna. He obtained a PhD in theoretical physics from the Technical University of Vienna and a PhD in economics from the University of Vienna. He held postdoc positions at Humboldt University of Berlin and Boston University. His habilitation is in theoretical physics. Stefan started his career with contributions to theroretical particle physics and gradually shifted his resarch focus to the understanding of complex systems. Stefan has published more than 200 scientific articles in fundamental physics, applied mathematics, network theory, evolutionary systems, life sciences, economics and finance and lately in social sciences