The Abdus Salam International Centre for Theoretical Physics

IAEA International Atomic Energy Agency

unesco United Nations Educational, Scientific and Cultural Organization

ICTP 1964–2024

Fondazione Internazionale Trieste

TLQS The Laboratory on Quantitative Sustainability

OGS National Institute of Oceanography and Applied Geophysics

TLQS Workshop on Limits to Collective Agency

Description:

The ability to take collective actions, i.e. collective agency, is a key limiting factor for sustainability. Collective agency entails, among other things, identifying problems, understanding them, finding solutions, establishing consensus and implementing actions. Each of these aspects imposes limits and challenges on collective agency and they entail non-trivial trade-offs, e.g. between efficiency and resilience, or between individual freedom and social welfare. Understanding these aspects is key for realistic efforts towards a sustainable future.

The workshop will discuss collective agency from different angles (sociology, political science, evolution of cultures, collective behaviour of animal groups and in artificial societies, neuroscience), drawing from different disciplines.

The workshop aims at promoting scientific research on these subjects, by identifying specific questions that can be tackled in a quantitative manner.

The workshop is supported by National Institute of Oceanography and Applied Geophysics (OGS) and Trieste International Foundation for the Progress and Freedom of Sciences (FIT) as part of The Laboratory on Quantitative Sustainability (TLQS) initiative.

SPEAKERS:

Erol AKÇAY
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Madhur ANAND
University of Guelph, Canada
Marco Tulio ANGULO
Universidad Nacional Autónoma de México, Mexico
Elsa Anabelle ARCAUTE AIZPURU
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Jeferson Jacob ARENZON
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Brian FATH
Towson University, USA
Deborah Mary GORDON
Stanford University Department of Biology, USA
Ulrike HAHN
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Mohammad M. HERZALLAH
Palestinian Neuroscience Initiative Al-Quds University, State of Palestine
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Sanjay JAIN
University of Delhi, India
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Giacomo LIVAN
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Pablo Angel MARQUET ITURRIAGA
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Karoline WIESNER
University of Potsdam, Germany
David WOLPERT
Santa Fe Institute, USA

6 - 10 May 2024

Trieste, Italy

Applications and Deadlines:

1 February 2024
for applicants requesting financial and/or visa support

1 April 2024
for all other applicants

DIRECTORS:

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Female scientists are encouraged to apply.

GRANTS:

A limited number of grants are available to support the attendance of selected participants, with priority given to participants from developing countries. There is no registration fee.