

20 - 24 April
2026

WORKSHOP

Aula Dini

Via del Castelletto, 17/1
Scuola Normale Superiore
PISA

ORGANIZERS COMMITTEE

Alice Valença De Lorenci
(Imperial College London)

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(Imperial College London)

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Tiago Pereira
(ICMC, Universidade de São Paulo)

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(King's College London)

ONE-DIMENSIONAL DYNAMICS AND HIGH-DIMENSIONAL NETWORK SYSTEMS

This conference aims to unite researchers in dynamical systems, fostering interdisciplinary exchange between experts in one- and low-dimensional dynamics, and those working on high-dimensional networked systems. The study of high-dimensional systems, particularly dimension reduction in network dynamics, has greatly benefited from insights from one-dimensional dynamics. Conversely, the field of complex dynamics has recorded a great activity in the push of low-dimensional descriptions to higher dimensions. By bringing together diverse perspectives, we seek both to explore recent advancements at the established intersection between these areas, and to uncover new connections.

CONFIRMED SPEAKERS

ANNA MIRIAM BENINI
(Università di Parma)

FABRIZIO BIANCHI - On line talk
(Università di Pisa)

HENK BRUIN
(Universität Wien)

KOSTIANTYN DRACH
(Universitat de Barcelona, CRM-Barcelona)

NÚRIA FAGELLA
(Universitat de Barcelona, CRM-Barcelona)

BASTIEN FERNANDEZ
(LPSM, CNRS)

ALE JAN HOMBURG
(Universiteit van Amsterdam)

JEROEN LAMB
(Imperial College London)

LUNA LOMONACO - On line talk
(IMPA)

STEFANO LUZZATTO
(ICTP)

STEFANO MARMI
(Scuola Normale Superiore)

MARCO MARTENS
(Stony Brook University)

LIVIANA PALMISANO
(KTH)

LETICIA PARDO-SIMON - On line talk
(Universitat de Barcelona, CRM-Barcelona)

TIAGO PEREIRA
(ICMC, Universidade de São Paulo)

DAVID RAND
(University of Warwick)

LASSE REMPE
(University of Manchester)

GUSTAVO RODRIGUES FERREIRA
(CRM-Barcelona)

EDMILSON ROQUE
(Max Planck Institute, Dresden)

WEIXIAO SHEN
(SCMS)

LEON STARESINIC
(Universität Zürich)

DMITRY TURAEV
(Imperial College London)

CORINNA ULCIGRAI
(Universität Zürich)

ANNA ZDUNIK
(Uniwersytet Warszawski)

WEB SITE:

<https://indico.sns.it/event/130/>

Please note that for organizational purposes,
registration is mandatory



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INFO

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15
2026
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