



International Centre for Theoretical Physics
South American Institute for Fundamental Research

Campus of IFT-UNESP - São Paulo, Brasil

ANDREA J. LIU
U. of Pennsylvania, USA



XIAOMING MAO
U. of Michigan, USA



TOM C. LUBENSKY
U. of Pennsylvania, USA



October 3-14, 2022

JAMES P. SETHNA
Cornell U., USA



FRED C. MACKINTOSH
Rice University, USA



SCHOOL ON DISORDERED ELASTIC SYSTEMS

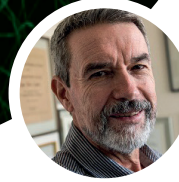
PIERFRANCESCO URBANI
CNRS, France



CORENTIN COULAIS
U. van Amsterdam, Netherlands



Seminar Speaker
EDGAR ZANOTTO
Federal U. of São Carlos, Brazil



Seminar Speaker
MÁRCIA BARBOSA
Federal U. of Rio Grande do Sul, Brazil



The school is intended for graduate students and researchers, and will cover well-tested and successful theoretical methods used to study disordered elastic systems (critically-coordinated lattices, scaling theories and calculations for jamming and glasses in infinite dimension), as well as more recent developments that have attracted a lot of attention in the past few years (mechanical metamaterials, machine learning and biopolymer fibrous networks). In addition to the lectures, there will be one research seminar per week, to be given by an outstanding local researcher with expertise in the subject area of the school.

There is no registration fee and limited funds are available for travel and local expenses.

Application deadline: July 31, 2022

Online application and more information:

www.ictp-saifr.org/des2022/



ORGANIZERS

Carolina Brito
(IF, UFRGS, Brazil)

Itai Cohen
(Cornell University, USA)

Danilo B. Liarte
(Cornell University, USA / ICTP-SAIFR & IFUSP, Brazil)

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Luiz Eugênio Mello - FAPESP scientific director
Hugo Aguilaniu - President-Director of Serrapilheira I.
Luiz Davidovich - President of Brazilian Acad. of Science
Juan Maldacena - Representing South America

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