

New Horizons in Structural Mechanics, Elasticity and Homogenization

IMT School for Advanced Studies Lucca, Italy
July 28-31, 2025



UNIVERSITY OF
CAMBRIDGE



SCUOLA
ALTI STUDI
LUCCA



UNIVERSITÀ
DI TRENTO

Organizers:

Davide BIGONI, University of Trento
Francesco DAL CORSO, University of Trento
Norman A. FLECK, University of Cambridge
Marco PAGGI, IMT School for Advanced Studies Lucca

Invited lecturers:

Basile AUDOLY, CNRS & Institut Polytechnique de Paris
Ferdinando AURICCHIO, University of Pavia
Mattia BACCA, University of British Columbia
Lorenzo BARDELLA, University of Brescia
Katia BERTOLDI, Harvard University
Davide BIGONI, University of Trento
Francesco DAL CORSO, University of Trento
Luca DESERI, University of Trento
Vikram DESHPANDE, University of Cambridge
Walter J. DRUGAN, University of Wisconsin
Norman A. FLECK, University of Cambridge
Samuel FOREST, Mines Paris PSL
Massimiliano FRALDI, University of Naples Federico II
Huajian GAO, Tsinghua University
Yonggang HUANG, Northwestern University
John W. HUTCHINSON, Harvard University
Jean-Baptiste LEBLOND, Sorbonne Université
Robert M. McMEEKING, University of California Santa Barbara
Graeme W. MILTON, The University of Utah

Gennady MISHURIS, Aberystwyth University
Alexander MOVCHAN, University of Liverpool
Natasha MOVCHAN, University of Liverpool
Alan NEEDLEMAN, Brown Université
Sebastien NEUKIRCH, Sorbonne University
Christian F. NIORDSON, Denmark Technical University
Giovanni NOSELLI, SISSA Trieste
Marco PAGGI, IMT Lucca
Anna PANDOLFI, Politecnico di Milano
Sergio PELLEGRINO, California Institute of Technology
Paolo PODIO-GUIDUGLI, Accademia Nazionale dei Lincei
Pedro PONTE CASTANEDA, University of Pennsylvania
Nicola M. PUGNO, University of Trento
Enrico RADI, University of Modena and Reggio Emilia
Gianni ROYER CARFAGNI, University of Parma
Gal SHMUEL, Technion-Israel Institute of Technology
Valery SMYSHLYAEV, University College London
Pierre SUQUET, CNRS Centrale Marseille
John WILLIS, University of Cambridge

