



PROGRAMME 2026

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Rectors:
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In 2026, the following sessions will take place at Palazzo Antonini-Mangilli-del Torso, the seat of CISM, in Udine, Italy, and remotely.

GEORGE M. (BUD) HOMSY SESSION

Fluid-Structure Interaction of Bioinspired Systems

April 20 - 24

Invited Lecturers:

Oscar Flores (Universidad Carlos III de Madrid, Spain), Manuel Garcia-Villalba (TU Wien, Austria), Ramiro Godoy-Diana (CNRS, ESPCI Paris, France), Francisco Huera-Huarte (Universitat Rovira i Virgili, Spain), Christiana Mavroyiakoumou (University of Oxford, UK), Karen Mulleners (EPF-Lausanne, Switzerland).

Coordinator: Manuel Garcia-Villalba.

Parameter Identification using Full-Field Measurements

11th CISM-ECCOMAS Advanced Course

May 4 - 8

Invited Lecturers:

Sam Coppieters (KU Leuven, Belgium), Roberto Fedele (Polytechnic University of Milan, Italy), Stefan Hartmann (Clausthal University of Technology, Germany), François Hild (École Normale Supérieure Paris-Saclay, France), Ulrich Römer (TU Braunschweig, Germany), Bertrand Watrisse (Université Montpellier, France).

Coordinators: Stefan Hartmann, François Hild.

Fluid Mixing: Fundamentals and Practices

CISM-EUROMECH Advanced Course

May 11 - 15

Invited Lecturers:

Teodor Burghilea (CNRS, Lab. de Thermique et Energie de Nantes, France), Marco Dentz (IDAEA, Spanish National Research Council Barcelona, Spain), Joris Heyman (University of Rennes, France), Guglielmo Lacorata (Institute of Marine Sciences Rome, Italy), Tanguy Le Borgne (University of Rennes, France), Daniel Lester (University Melbourne, Australia), Emmanuel Villermaux (IRPHE, Aix-Marseille Université, France).

Coordinators: Teodor Burghilea, Emmanuel Villermaux.

Filtered Modelling Approaches for Industrial Gas-Particle Suspensions: Basics and Future Developments

May 18 - 22

Invited Lecturers:

Jesse Capecelatro (University of Michigan, USA), Ali Ozel (Heriot-Watt University, UK), Stefan Radl (Institute of Process and Particle Engineering, Graz, Austria), Simon Schneiderbauer (Johannes Kepler University, Austria), Olivier Simonin (Institut de Mécanique des Fluides de Toulouse, France), Sankaran Sundaresan (Princeton University, USA).

Coordinators: Jesse Capecelatro, Simon Schneiderbauer.

Modeling of Nonstationary Thunderstorm Winds and Their Impact on Structures and Infrastructures

May 25 - 29

Invited Lecturers:

Massimiliano Burlando (Polytechnic School, University of Genoa, Italy), Luca Caracoglia (Northeastern University, USA), Pieter Groenemeijer (European Severe Storms Lab., Germany & Austria), Horia Hangan (Ontario Tech University, Canada), Rüdiger Höffer (Ruhr University, Germany), Maria Pia Repetto (Polytechnic School, University of Genoa, Italy), Francesco Ricciardelli (University of Campania “Luigi Vanvitelli”, Italy), Djordje Romanic (McGill University, Canada).

Coordinators: Luca Caracoglia, Horia Hangan.

Geometry, Growth and Instability in Morphing Soft and Active Systems

June 8 - 12

Invited Lecturers:

Amin Doostmohammadi (Niels Bohr Institute, University of Copenhagen, Denmark), Alexander Erlich (Université Grenoble Alpes, France), Pierre Haas (Max Plank Institute for the Physics of Complex Systems, Dresden, Germany), Matteo Taffetani (The University of Edinburgh, UK), Luciano Teresi (Roma Tre University, Italy), Giuseppe Zurlo (University of Galway, Ireland).

Coordinators: Alexander Erlich, Matteo Taffetani.

Wind Engineering: Bridging Experimental, Field, and Numerical Techniques

June 22 - 26

Invited Lecturers:

Girma Bitsuamlak (Western University, London, Canada), Bert Blocken (Heriot-Watt University, UK), Jasna Bogunovic Jakobsen (University of Stavanger, Norway), Arindam Gan Chowdhury (Florida International University, USA), Andrea Cimarelli (University of Modena and Reggio Emilia, Italy), Alessandro Mariotti (University of Pisa, Italy).

Coordinators: Alessandro Mariotti, Girma Bitsuamlak.

Mechanics of the Deep Lung

June 29 - July 3

Invited Lecturers:

Jason H. Bates (University of Vermont, USA), Martin Genet (École Polytechnique, IPP/CNRS, Palaiseau, France), Olivier T. Guenat (University of Bern, Switzerland), Oliver E. Jensen (University of Manchester, UK), Francesco Romanò (Arts et Métiers Institute of Technology, Lille, France), Paula A. Vasquez (University of South Carolina, USA).

Coordinators: Oliver E. Jensen, Francesco Romanò.

Two Phase-flow and Phase-change: Experiments, Simulations and Modeling

July 6 - 10

Invited Lecturers:

Elias Balaras (The George Washington University, USA), Matteo Bucci (MIT, Cambridge, USA), Annalisa Manera (ETH-Zurich, Switzerland), Christos Markides (Imperial College London, UK), Alessio Roccon (University of Udine, Italy), Pedro Simões Costa (TU Delft, The Netherlands), Annafederica Urbano (Institut Supérieur de l'Aéronautique et de l'Espace, Toulouse, France).

Coordinators: Matteo Bucci, Alessio Roccon.

Fluid Flows On, In, and Of Curved Geometries

July 13 - 17

Invited Lecturers:

Marco Fontelos (Instituto de Ciencias Matemáticas, Madrid, Spain), François Gallaire (École Polytechnique Fédérale de Lausanne, Switzerland), James Hanna (University of Nevada, USA), Bhargav Rallabandi (University of California, Riverside, USA), Javier Rodríguez (Universidad Carlos III de Madrid, Spain).

Coordinators: James Hanna, Bhargav Rallabandi.

Severe Convective Storms and Hail

July 20 - 24

Invited Lecturers:

Matthew Kumjian (Pennsylvania State University, USA), Michael Kunz (Karlsruhe Institute of Technology, Germany), Kelly Lombardo (Pennsylvania State University, USA), Agostino Manzato (CNR-ISAC Bologna, Italy), Francesco Sioni (ARPA FVG Palmanova, Italy), Mateusz Taszarek (Adam Mickiewicz University Poznan, Poland).

Coordinators: Agostino Manzato, Francesco Sioni.

LAMBERT BEN FREUND SESSION

Damage and Fracture Mechanics of Fluid-infiltrated Geo-materials

CISM-EUROMECH Advanced Course

September 7 - 11

Invited Lecturers:

Chloé Arson (Cornell University, USA), Jan Eliáš (Brno University of Technology, Czech Republic), Djimédo Kondo (Sorbonne Université, France), Brice Lecampion (EPFL, Lausanne, Switzerland), Cino Viggiani (Université Grenoble Alpes, France), Keita Yoshioka (Montanuniversität Leoben, Austria).

Coordinators: Djimédo Kondo, Brice Lecampion.

Continuum Modelling of Complex Fluids

September 14 - 18

Invited Lecturers:

Luca Biancofiore (University of L'Aquila, Italy), Gaetano D'Avino (University of Naples Federico II, Italy), Ian Frigaard

(University of British Columbia, Canada), Rob Poole (University of Liverpool, UK), John Tsamopoulos (University of Patras, Greece), Helen Wilson (University College London, UK).

Coordinators: Luca Biancofiore, Rob Poole.

Computational and Geometric Mechanics of Discrete and Continuum Systems

September 28 - October 2

Invited Lecturers:

Frédéric Boyer (LS2N Nantes, France), Géry de Saxcé (University of Lille, France), Andreas Müller (Johannes Kepler University, Austria), Radu Serban (University of Wisconsin-Madison, USA), Zdravko Terze (University of Zagreb, Croatia).

Coordinators: Andreas Müller, Zdravko Terze.

Modeling the Biomechanics of Soft Tissues: Experimental Methods, Theoretical Bases and Computational Challenges

12th CISM-AIMETA Advanced Course

October 12 - 16

Invited Lecturers:

Leo K. Cheng (University of Auckland, New Zealand), Michel Destrade (University of Galway, Ireland), Christian T. Gasser (KTH Royal Institute of Technology, Sweden), Alessio Gizzi (University Campus Bio-Medico Rome, Italy), Daniel E. Hurtado (Pontificia Universidad Católica de Chile, Chile), Anna Pandolfi (Polytechnic University of Milan, Italy).

Coordinators: Alessio Gizzi, Anna Pandolfi.

EVENTS

Common Research Interests in Computational Mechanics

Joint GACM-GIMC Workshop

February 19 - 20

Coordinators:

Giovanni Garcea (Università della Calabria, Italy), Norbert Hosters (RWTH Aachen University, Germany), Michele Marino (University of Rome Tor Vergata, Italy), Francesco Marmo (University of Napoli Federico II, Italy), Alexander Popp (Universität der Bundeswehr München, Germany).

Fluids and Flows

CISM-JMBC Joint Advanced School

March 30 - April 3

Invited Lecturers:

Roberto Benzi (University of Rome Tor Vergata, Italy), Herman Clercx (TU Eindhoven, The Netherlands), Elisabeth Guazzelli (Université Paris Cité, CNRS, Matière et Systèmes Complexes, France), Detlef Lohse (University of Twente, The Netherlands), Peter Schall (University of Amsterdam, The Netherlands), Federico Toschi (TU Eindhoven, The Netherlands).

Coordinators: Federico Toschi, Ruud Henkes, Alfredo Soldati.

Dispersed Multiphase Flows: from Measuring to Modeling

3rd BICTAM-CISM Symposium

July 22 - 24

Organizers:

Cristian Marchioli (University of Udine, Italy), Lihao Zhao (Tsinghua University, China).

Workshop on Surface Waves and Turbulence

October 5 - 9

Organizers:

Filippo Coletti (ETH Zurich, Switzerland), Luc Deike (Princeton University, USA).

NATIONAL ADVANCED PROFESSIONAL TRAINING

National Advanced Professional Training (APT) will be held in the fields of Structural and Geotechnical Engineering, Surveying, Environmental, Bioengineering and Industrial Engineering. The full list of APTs scheduled for 2026 can be retrieved scanning the QR code.

All CISM courses and events of 2026, along with detailed programmes, admission rules, and online application forms, can be found at www.cism.it or by scanning the QR code at the bottom of this poster.

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