



PRELIMINARY PROGRAMME 2016

ADVANCED SCHOOLS

HORST H.E. LEIPHOLZ SESSION

- Small Scale Modeling and Simulation of Turbulent Multi-phase Flows
Coordinators: Jean-Luc Estivalezes (Toulouse, F), Stéphane Vincent (Marne-La-Vallée, F) May 16–20
- Computational Acoustics
Coordinator: Manfred Kaltenbacher (Vienna, A) May 23–27
- Visco-plastic Fluids: from Theory to Application
Coordinators: Sarah Hormozi (Athens, OH, USA), Guillaume Ovarlez (Bordeaux, F) May 30–June 3
- Fabric Tensors - Measures of Porous or Granular Material Anisotropy
Coordinators: Luis Cardoso (New York, NY, USA), Stephen C. Cowin (New York, NY, USA) June 6–10
- CISM-AIMETA Advanced School on
Global Nonlinear Dynamics for Engineering Design and System Safety
Coordinators: Stefano Lenzi (Ancona, I), Giuseppe Rega (Rome, I) June 13–17
- Mechanics and Physics of Fracture: Multi-scale Modeling of the Failure Behaviour of Solids
Coordinator: Laurent Ponson (Paris, F) June 27–July 1
- 22th CISM-IUTAM International Summer School on Biological and Bio-inspired Fluid Mechanics
Coordinators: Eric Lauga (Cambridge, UK), Christophe Eloy (Marseille, F) July 4–8
- The Role of Mechanics in the Study of Lipid Bilayers
Coordinator: David Steigmann (Berkeley, CA, USA) July 11–15
- Wall-bounded Turbulence
Coordinator: Sergio Pirozzoli (Rome, I) July 18–22
- Multiscale Modeling of Flowing Soft Matter and Polymer Systems
Coordinators: Paola Carbone (Manchester, UK), Daniele Marchisio (Turin, I) July 25–29

ALEXANDRE FAVRE SESSION

- Advanced Professional Training on Vehicle Dynamics of Modern Passenger Cars
Coordinator: Peter Lugner (Vienna, A) August 29–September 2
- Advanced Professional Training on Time-periodic Systems: Theory and Application
Coordinator: Fadi Dohnal (Darmstadt, D) September 5–9
- Computational Contact and Interface Mechanics
Coordinators: Alexander Popp (München, D), Peter Wriggers (Hannover, D) October 3–7
- Computational Fluid-Structure Interaction
Coordinators: Charbel Farhat (Stanford, CA, USA), Wolfgang Wall (München, D) July (date to be defined)

MEETINGS and EVENTS

- ROMANSY 2016, 21st CISM-IFTtoMM Symposium on
Theory and Practice of Robots and Manipulators
Co-Chairs: Vincenzo Parenti Castelli (Bologna, I), Werner Schiehlen (Stuttgart, D) June 20–23