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## Speakers

### Plenary Speakers

**Prof. Huajian Gao**, *Brown University, USA*

Talk title: Mechanics of Cellular Uptake of and responses to One- and Two-Dimensional Nanomaterials

### Introductory Speakers

**Prof. Marc Meyers**, *University of California, San Diego*

Talk title: Down the River of Doubt: Reliving the Roosevelt-Rondon Scientific Expedition in the Amazon on its Centennial

**Prof. David Taylor**, *Trinity College, Ireland*

Title title: Art and Science: interactions between visual arts, biomechanics and fracture mechanics

### Keynote Speakers

**Prof. François Barthelat**, *McGill University, Canada*

Talk title: Architected materials in engineering and biology: fabrication, structure, mechanics and performance.

**Prof. Po-Yu Chen**, *NTHU Taiwan, Taiwan*

Talk title: Underwater adhesion of aquatic animals: Hierarchical structure, mechanisms and bio-inspirations.

**Prof. Lei Jiang**, *University and Chinese Academy of Sciences, China*

Talk title: Bio-Inspired Interfacial Materials with Super-Wettability.

**Prof. Kalpana Katti**, *North Dakota State University, USA*



Talk title: Mechanical Manifestations of Hierarchy in Healthy and Osteogenesis Imperfecta Bone.

**Prof. Juan C. Lasheras**, *University of California at San Diego, USA*

Talk title: Structural elements in biological materials with implications for bioinspired design.

**Prof. Chwee Teck Lim**, *National University of Singapore, Singapore*

Talk title: Cell Deformability as a Biomarker for Cancer Diagnosis & Personalized Medicine.

**Prof. Joanna McKittrick**, *University of California at San Diego, USA*

Talk title: Structural elements in biological materials with implications for bioinspired design.

**Prof. Ali Miserez**, *Nanyang Technological University, Singapore*

Talk title: The Role of Bioprocessing Pathways on the Mechanical Response of Biological Materials.

**Prof. Robert O. Ritchie**, *University of California, Berkeley, USA*

Talk title: Deformation and Fracture in Human Cortical Bone: Role of Aging and Disease.

**Hannes C. Schniepp**, *The College of William & Mary, Virginia, USA*

**Prof. André R. Studart**, *ETH Zurich, Switzerland*

Talk title: Additive manufacturing of bio-inspired heterogeneous composites.

**Prof. Daniel Wagner**, *Weizmann Institute of Science, Israel*

Talk title: Bio-nano hybrid composites: Paving the way to stiffer, stronger and tougher materials.

## Supporting Publications



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