

"Building and Probing Small"

Confirmed speakers to date

Plenary Speakers

PL04 - Quantitative Studies of Single Molecule Mechanochemistry



Prof. Stephen CRAIG
(DUKE UNIVERSITY, Durham, United States)

PL01 - Building Small: Making the Tiniest Machines



Prof. David LEIGH
(UNIVERSITY OF MANCHESTER, Manchester, United Kingdom)

PL05 - Mechanical Engineering of Protein-Based Biomaterials: from Single Molecule to Biomaterials



Prof. Hongbin LI
(UNIVERSITY OF BRITISH COLUMBIA, Vancouver, Canada)

PL03 - Single Molecule Mechanics of Proteins



Prof. Matthias RIEF
(TECHNISCHE UNIVERSITÄT MÜNCHEN, München, Germany)

PL02 - Radical Chemistry



Prof. J. Fraser STODDART
(NORTHWESTERN UNIVERSITY, Evanston, United States)

Keynote Speakers

KL11 - Nanomechanical Mapping of Virus Binding Sites to Animal Cells



Prof. David ALSTEENS
(UCLOUVAIN, Louvain-La-Neuve, Belgium)

KL02 - The Challenges and Opportunities of Polymer Mechanochemistry



Prof. Roman BOULATOV
(UNIVERSITY OF LIVERPOOL, Liverpool, United Kingdom)

KL07 - Mechanochemistry of the Mechanical Bond



Dr Guillaume DE BO
(UNIVERSITY OF MANCHESTER, Manchester, United Kingdom)

KL09 - Functionalization of 2D Materials: A Molecular Approach

"Building and Probing Small"

Confirmed speakers to date



Prof. Steven DE FEYTER
(KU LEUVEN, Leuven, Belgium)

KL01 - Artificial Molecular Machines that Work at all Scales



Prof. Nicolas GIUSEPPONE
(UNIVERSITY OF STRASBOURG, Strasbourg, France)

KL06 - Manipulation of Single Molecules: Wires, Switches and Motors



Prof. Leonhard GRILL
(UNIVERSITY OF GRAZ, Graz, Austria)

KL05 - Light-Driven Nanomachinery



Prof. Stefan HECHT
(HUMBOLDT-UNIVERSITÄT ZU BERLIN, Berlin, Germany)

KL10 - Force Spectroscopy and High-Speed Bio-AFM Reveal Dynamic and Nano-Mechanical Properties of Antibodies



Prof. Peter HINTERDORFER
(JOHANNES KEPLER UNIVERSITY LINZ, Linz, Austria)

KL03 - Molecular Motors Steering Macroscopic Motion



Prof. Nathalie KATSONIS
(UNIVERSITY OF TWENTE, Enschede, The Netherlands)

KL08 - Chemistry Inside the Cavities of Flexible Metal-Organic Cages



Prof. Rafal KLAJN
(WEIZMANN INSTITUTE OF SCIENCE, Rehovot, Israel)

KL04 - Deconstructing the Molecular Mechanism of Extreme Mechanostability in Pathogen Adhesins



Mr Lukas MILLES
(LUDWIG-MAXIMILIANS-UNIVERSITÄT, München, Germany)