

Telluride Conference **Molecular Rotors, Motors, and Switches**

POSTER SESSION

Tuesday, June 26

20:00 - 23:00

[Michael D. Palm Theatre](#)

721 W. Colorado Ave, Telluride

1. Rational Approaches towards Autonomous Light-Driven Artificial Molecular Motors
Massimo Baroncini, University of Bologna
2. Photoswitchable Modification of Protein Nanopores
Stefan Borsley, University of Edinburgh
3. New Directions for Naphthalene Diimides in Mechanically Interlocked Molecules
James Cooper, Northwestern University
4. Four-Stroke Molecular Rotary Motors based on [3]Catenanes
Yuanning Feng, Northwestern University
5. High Efficiency Energy Coupling in Molecular Motors Requires Deep Diagonal Channels in the 2D Free Energy Surface
Michael Jack, Otago University
6. Quantification of the Unidirectional Movement in an Electroactive [2]Catenane
Rikke Kristensen, University of Southern Denmark
7. Amino-Acid Encoded Self-Assembly for Transient Conducting Nanostructures
Mohit Kumar, City University of New York, Advanced Science Research Center
8. Molecular Motors Steering Helical Self-Propulsion
Federico Lancia, University of Twente
9. Artificial Muscle-Like Function from Hierarchical Supramolecular Assembly of Photoresponsive Molecular Motors
Franco Leung, University of Groningen
10. [5]Rotaxane Switches as Ligands for Metal-Organic Frameworks
Pablo Martinez-Bulit, University of Windsor
11. Redox-Controlled Unidirectional Molecular Transport
Yunyan Qu, Northwestern University
12. Induced-Fit Binding Selectivity and Enhancing the Affinity Swing
Fred Parks, University of Indiana
13. Molecular Machines Deliver Cargo into Live Cells
Indranil Roy, Northwestern University
14. Switching and Fluorescence Properties of Bistable Hydrazones
Baihao Shao, Dartmouth College
15. Studies on Molecular Rotor Assemblies – Toward Detection of a Ferroelectric Phase
Michal Turowski, University of Colorado
16. Cooperative Supramolecular Polymers with Anthracene–Endoperoxide Photoswitching for Fluorescent Anti-Counterfeiting
Feng Wang, University of Science and Technology of China

17. Bloodstain Detection and Enhancement for Crime Scene Investigation based on Aggregation-Induced Emission
Zhaoyu Wang, The Hong Kong University of Science and Technology
18. Cucurbituril-Mediated Assembly of Molecular “TIE Fighters”
Guanglu Wu, University of Cambridge
19. Stimuli-Responsive Supramolecular Polymers based on Anion-Driven Assemblies
Wei Zhao, Indiana University & **Bo Qiao**, MIT
20. An Artificial Molecular Synthesizer
Kelong Zhu, Sun Yat-Sen University