

Mini-Symposium Polymer Research Towards the Physics of Life

Tuesday,
June 3rd, 2025

Leibniz Institute of
Polymer Research Dresden (IPF)
Hohe Straße 6, 01069 Dresden
Conference hall, 2nd floor



- 13:00 – 13:05 **Carsten Werner | IPF**
Welcome
- 13:05 – 13:35 **Otger Campàs | Physics of Life, TUD**
“Mechanical control of vertebrate body axis formation”
- 13:35 – 14:05 **Ellen Sletten | University of California, Los Angeles, USA**
“Next generation optical diagnostics and responsive therapeutics facilitated by poly(2-oxazoline)”
- 14:05 – 14:35 **Oliver Bruns | National Center for Tumor Diseases**
“Biomedical imaging beyond the visible – Macroscopic Raman and fluorescence imaging in the shortwave infrared (SWIR)”
- 14:35 – 15:05 **Ivan R. Minev | IPF**
“Electronic Extracellular Matrix: conductive hydrogels for exogenous sensing and cell fate control”
- 15:05 discussion, followed by get together with drinks and snacks



Verein zur Förderung des
Leibniz-Institutes für
Polymerforschung Dresden