



GZMB Mini-Symposium
Single Molecule Biophysics of
Macromolecular Machines



Friday, August 18th, 2017

**Institute for Microbiology and Genetics, Room MN07,
Grisebachstr. 8, 37077 Göttingen**

08:30 Simone Köhler

*Department of Molecular and Cell Biology
University of California, Berkeley, USA*

Architecture of the synaptonemal complex in
C. elegans meiosis

09:15 Jörg Braun

*Howard Hughes Medical Institute & RNA Therapeutics Institute
University of Massachusetts Medical School, Worcester, USA*

CoSMoS: Dynamics of macromolecular complexes
at single-molecule resolution

10:00 Coffee Break

10:30 Sarah Adio

Max-Planck-Institute for Biophysical Chemistry, Göttingen, Germany

Ribosome dynamics during translation
monitored by single molecule FRET

11:15 Joanna Andrecka

Physical & Theoretical Chemistry Laboratory, University of Oxford, UK

Towards single molecule optical mass spectrometry

Organizer: Prof. Dr. R. Ficner