

Klaus Schulten Memorial Symposium



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| <i>Location:</i> | <i>Date & Time:</i> |
| Room N020 ("Kleiner Physik Hörsaal") Amalienstraße 54, 80799 Munich | Sat., Oct 21 st 2017 9:00 am - 6:00 pm |

Tentative Program:

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| | <i>Friday Oct. 20th</i> | |
| 19:00 | Dinner | Restaurant Sankt Emmeramsmühle, St. Emmeram 41, 81925 München |
| | <i>Saturday Oct. 21st</i> | |
| 9:00-9:10 | | Opening remarks |
| 9:10-9:40 | Zan Luthey-Schulten (Urbana) | Klaus and A Minimal Cell |
| 9:40-10:05 | Robert Bittl (Berlin) | Spin Pairs and Magnetoreception |
| 10:05-10:30 | Werner Bauer (Würzburg) | Translational Cardiovascular Imaging |
| 10:30-10:50 | Helmut Heller (München) | Electronics, Physics, and Klaus |
| | COFFEE & CHAT | |
| 11:20-11:50 | Axel Brunger (Stanford) | Molecular mechanisms of synaptic vesicle priming |
| 11:50-12:10 | Christian Kurrer (Brussels) | From the TUM and Illinois Physics Departments to the European Parliamentary Research Service |
| 12:10-12:35 | Jeanne Rubner (München) | Science Journalism |
| | LUNCH & CHAT | |
| 14:00-14:25 | Wolfgang Baumeister (Martinsried) | Structural studies of the 26S proteasome <i>ex situ</i> and <i>in situ</i> |
| 14:25-14:50 | Viola Vogel (Zürich) | Steered Molecular Dynamics: proteins as mechano-chemical switches |
| 14:50-15:10 | Hermann Gaub (München) | What Klaus taught me about fluctuations |
| 15:10-15:30 | Rafael Bernardi (München/Urbana) | Predicting the mechanical stability of cellulosomal scaffoldin by steered MD |
| | COFFEE & CHAT | |
| 16:25-16:50 | Jan Lipfert (München) | From Molecular Dynamics to Single-Molecule Experiments – and Back! |
| 16:50-17:10 | Lukas Milles (München) | Molecular mechanism of extreme mechanostability in a pathogen surface anchor |
| 17:10-17:35 | Don Lamb (München) | Interactions with Klaus in the early 90s in Urbana |
| 17:35-18:00 | Helmut Grubmüller (Göttingen) | Three lessons learned from Klaus |

Venues:

Friday evening Dinner, 7:00 pm:

Restaurant Sankt Emmeramsmühle (<http://www.emmeramsmuehle.de>)

Saturday Lectures, 9:00 am:

Kleiner Physik Hörsaal (Room N020, see map, black filled circle)

Enter building at Amalienstraße 54, 80799 Munich, Germany,

and follow signposts (closest subway indicated on map)

see also <http://www.biophysik.physik.uni-muenchen.de/contact/index.html>

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