



9:30 - 10:00 Welcome coffee

 10:00 - 10:15 Welcome, **Thorsten Friedrich**, Speaker of the RTG

 10:15 - 11:15 Multi-method Approaches to Structural Biology of Membrane Proteins and Large Assemblies, **Timm Maier**

 11:15 - 11:45 Biochemical and biophysical characterization of the ammonium transporter *Ks-Amt4*, **Pauline Bentz**

 11:45 - 12:15 Coupled perfusion induced and surface enhanced infrared spectroscopic (SEIRAS) approach to study structural changes in the transporter protein Lactose Permease, **Natalia Grytsyk**



12:15 - 13:45 Lunch Break

 13:45 - 14:15 Putative function of transporters involved in rishirilid biosynthesis, **Andreas Bechthold**

 14:15 - 14:45 The role of the ABC transporter Nos(D)FY in nitrous oxide reductase maturation, **Christoph Müller**

 14:45 - 15:15 The effect of the lipid matrix on membrane transport, **Heiko Heerklotz**

 15:15 - 15:45 Structural and functional characterization of the Na^+/H^+ antiporter STNhaA, **Anika Fippel**



15:45 - 16:30 Coffee break

 16:30 - 17:00 Proton Translocation by Respiratory Complex I, **Thorsten Friedrich**

 17:00 - 17:30 The cooperation of two periplasmic copper chaperones in copper acquisition and delivery to *cbb₃*-type cytochrome *c* oxidase, **Petru Iulian Trasnea**

 17:30 - 18:00 Bacterial lectins in basic and applied sciences, **Winfried Römer, Sarah Villringer**

 18:00 - 19:00 Bacterial protein secretion: a non-folding code and how to decipher it, **Tassos Economou**



19:00 - 21:00 Dinner



8:30 - 9:00 Welcome coffee

 9:00 - 10:00 Why Nature Chose Selenium, **Alain Lescure**

 10:00 - 10:30 Computer Simulation of Charge Transfer in Membrane Proteins,
Thorsten Koslowski



10:30 - 11:00 Coffee break

 11:00 - 11:30 Molecular coupling of mitochondrial protein import, lipid transport and morphology maintenance, **Thomas Becker**

 11:30 - 12:00 Cellular protein traffic: Signalling pathways regulating mitochondrial protein import, **Chris Meisinger**

 12:00 - 12:30 Protein Transport, **Bettina Warscheid**



12:30 - 14:00 Lunch break

 14:00 - 14:30 Heteromeric TRP channel stoichiometry determined by single molecule subunit counting, **Maximilian Ulbrich**

 14:30 - 15:30 From ATP to PTP: The dark side of the (protonmotive) Force, **Paolo Bernardi**
