

## WEDNESDAY, SEPTEMBER 28TH, 2022

<b>Plenary Session 6</b>		<b>Audimax</b>
<b>08:30–10:30</b>	<b>Chair:</b> Michael Kovermann, Konstanz, GER	
<b>08:30–09:00</b>	<b>T 65 Gary Pielak</b> , Chapel Hill, USA <i>Protein- &amp; protein-complex stability in living cells</i>	
<b>09:00–09:30</b>	<b>T 66 Stefan Weber</b> , Freiburg, GER <i>EPR and NMR studies of paramagnetic intermediates in the primary processes of blue-light photoreceptor proteins</i>	
<b>09:30–10:00</b>	<b>T 67 Florian Stengel</b> , Konstanz, GER <i>Studying proteome organization and cellular compartmentalization: from proteins to functional compartments</i>	
<b>10:00–10:30</b>	<b>T 68 Charlotte Uetrecht</b> , Hamburg, GER <i>Flying viruses – understanding corona- and norovirus lifecycles</i>	
<b>10:30–11:00</b>	<b>Coffee Break</b>	
<b>Parallel Session 5A – Imaging, Microscopy, Single Molecule Biophysics II</b>		
<b>11:00–12:00</b>	<b>Chair:</b> Don Lamb, München, GER	<b>A 701</b>
<b>11:00–11:15</b>	<b>T 69 Andre C. Stiel</b> , München, GER <i>Photoswitching across the scales – photoswitching proteins in super-resolution microscopy and optoacoustic imaging</i>	
<b>11:15–11:30</b>	<b>T 70 Hauke Winkelmann</b> , Osnabrück, GER <i>Quantifying cytokine receptor dimerization dynamics in the plasma membrane by smFRET</i>	
<b>11:30–11:45</b>	<b>T 71 Nazar Oleksiievets</b> , Göttingen, GER <i>Single-molecule fluorescence lifetime imaging using wide-field and confocal-laser scanning microscopy: a comparative analysis</i>	
<b>11:45–12:00</b>	<b>T 72 Daniel Dornbusch</b> , Dresden, GER <i>Anion-specific Sstructure and stability of guanidinium-bound DNA origami</i>	
<b>Parallel Session 5B – Photobiophyscis, Electron and Proton Transfer</b>		
<b>11:00–12:00</b>	<b>Chair:</b> Tilman Kottke, Bielefeld, GER	<b>A 703</b>
<b>11:00–11:15</b>	<b>T 73 Patrycja Kielb</b> , Bonn, GER <i>Do Tyr/Trp redox pathways protect O2-reducing C. Coelicolor laccase from oxidative damage?</i>	
<b>11:15–11:30</b>	<b>T 74 Sarah M. Mäusle</b> , Berlin, GER <i>S-state Transitions of Photosystem II from Spinach and T. elongatus – Insight by Time-Resolved Single-Frequency Infrared Spectroscopy</i>	
<b>11:30–11:45</b>	<b>T 75 Jheng-Liang Chen</b> , Berlin, GER <i>Revealing the mechanism of a light-driven inward proton pump, NsXeR, by site-directed mutagenesis and spectroscopic investigations</i>	
<b>11:45–12:00</b>	<b>T 76 Florian Brüinig</b> , Berlin, GER <i>Spectral signatures of excess-proton waiting and transfer-path dynamics</i>	
<b>Parallel Session 5C – Biospectroscopy II</b>		<b>A 704</b>
<b>11:00–12:00</b>	<b>Chair:</b> Jochen Balbach, Halle, GER	
<b>11:00–11:15</b>	<b>T 77 Luuk van Wilderen</b> , Frankfurt, GER <i>Femtosecond-to-millisecond mid-IR spectroscopy of Photoactive Yellow Protein uncovers structural micro-transitions of the chromophore's protonation mechanism</i>	
<b>11:15–11:30</b>	<b>T 78 Tiago Mendes Ferreira</b> , Halle, GER <i>Towards complex biological lipid bilayers by solid-state NMR spectroscopy</i>	
<b>11:30–11:45</b>	<b>T 79 Jacek Kozuch</b> , Berlin, GER <i>Nitrile infrared intensities characterize electric fields and hydrogen bonding in protic, aprotic, and protein environments</i>	
<b>11:45–12:00</b>	<b>T 80 Elena Erben</b> , Dresden, GER <i>Optofluidic method for highly precise and non-invasive manipulations on the microscale</i>	
<b>Poster Awards and Closing</b>		<b>Audimax</b>
<b>12:10–12:30</b>		