

| <b>Monday, September 12</b> |   |   |
|-----------------------------|---|---|
| 08:00                       | Registration                                      |   |
| 09:00                       | Opening   |   |
| 09:10                       | IL1 - Christian Pellerin                          | Orientation in polymers studied by vibrational spectroscopy   |
| 09:50                       | CL1 - Marie Richard-Lacroix                       | Raman spectroscopy investigation of orientation and disentanglement in single electrospun fibers  |
| 10:15                       | CL2 - Alessandra Vichi                            | Depth profiling of synthetic polymers of interest for cultural heritage with ATR-FTIR spectroscopic imaging   |
| 10:40                       | CL3 - Andreas Furchner                            | Amide-water hydrogen-bond interactions in polymer brushes at the solid-liquid Interface   |
| 11:05                       | <i>Coffee break/Exhibition</i>                    |   |
| 11:35                       | IL2 - Mischa Bonn                                 | A molecular view on composite materials   |
| 12:15                       | CL4 - Vincent Ball                                | Spectroscopic characterization of "polydopamine" formation in solution and on surfaces as a function of the used oxidant: Towards a structure-property relationship |
| 12:40                       | CL5 - Tibor Nagy                                  | Ionization of non-polar polyisobutylene derivatives by DART and ESI ion sources   |
| 13:05                       | <i>Lunch/Exhibition</i>                           |   |
| 14:00                       | IL3 - Polycarpos Pissis                           | Dielectric spectroscopy on nanostructured polymer-based materials   |
| 14:40                       | CL6 - Ulrich Scheler                              | Solid-state NMR in hybrid materials   |
| 15:05                       | CL7 - Thomas E. Müller                            | Dynamics of polyethercarbonate polyols in comparison to polyether polyols   |
| 15:30                       | CL8 - Uwe Lappan                                  | Segmental dynamics of poly(acrylic acid) in polyelectrolyte complex coacervates studied by spin-label EPR spectroscopy  |
| 15:55                       | <i>Coffee break/Exhibition</i>                    |   |
| 16:25                       | IL4 - Miriam Unger                                | Nanoscale infrared spectroscopy and imaging of polymeric fibres and thin films  |
| 17:05                       | CL9 - Timur Shaykhutdinov                         | IR nanopolarimetry on biaxially anisotropic supramolecular structures   |
| 17:30                       | CL10 - Ute Schmidt                                | The power of confocal Raman-AFM imaging in polymer research   |
| 17:55<br>-18:20             | CL11 - Andreas Huber                              | Nano-FTIR-quantitative infrared imaging and spectroscopy at 10nm spatial resolution   |
| 18:30<br>-20:30             | Poster Discussion/Exhibition with beer and snacks |   |

| <b>Tuesday, September 13</b> |  |   |
|------------------------------|--|---|
| 08:00                        | Registration   |   |
| 09:00                        | IL5 - Harumi Sato  | THz and low-frequency Raman spectroscopy of polymers  |
| 09:40                        | CL12 - Ulrich Künzelmann   | Novel micro-structured silicon single reflection elements: Their design, fabrication and application for in situ ATR-FTIR investigations of the influence of ammonia on the structure of PEDOT/PSS composite layers |
| 10:05                        | CL13 - Sascha Morlock  | Chemically sensitive SEC detection with FTIR and QCL-IR spectroscopy  |
| 10:30                        | CL14 - Severine Bellayer   | Chemical imaging of filled polymers with wavelength dispersive spectrometers  |
| 10:55                        | <i>Coffee break/Exhibition</i>   |   |
| 11:25                        | IL6 - Martin Kraft   | On-line Raman spectroscopy for polymer process analysis   |
| 12:05                        | CL15 - Gabriele C. Eder  | Fluorescence spectroscopy and imaging on aged polymeric PV encapsulantes  |
| 12:30                        | CL16 - Zuzana Moravkova  | In-situ Raman spectroscopy during electrochemical oxidation of aniline  |
| 12:55                        | <i>Lunch/Exhibition</i>  |   |
| 14:00                        | CL17 - Sebastian Primpke   | Automated analysis of $\mu$ FTIR imaging data for microplastic samples  |
| 14:25                        | CL18 - Andrea K ppler  | Investigation of microplastics in marine samples by FTIR and Raman microspectroscopy  |
| 14:50                        | CL19 - Barbara M. Scholz-B ttcher  | Pyrolysis gas chromatography mass spectrometry (Py-GCMS) for simultaneous trace analysis of nine common plastics in environmental samples   |
| 15:15<br>-15:40              | CL20 - Robin Lenz  | Microplastic analysis below 100 $\mu$ m: Raman microspectrometry to correct visual countings  |
| 16:30                        | Sightseeing and Dinner: Bus shuttle-start 16:30, Return 22:30 (K nigstein), arrival to Dresden 23:15 |   |

| <b>Wednesday, September 14</b> |                                |   |
|--------------------------------|--------------------------------|---|
| 08:00                          | Registration                   |   |
| 09:00                          | IL7 - Monika Sch nhoff         | Diffusion NMR in polymer systems  |
| 09:40                          | CL21 - Jiri Spevacek           | NMR and FTIR study of thermoresponsive block copolymers in aqueous solution   |
| 10:05                          | CL22 - Marcin Pastorczak       | Initial stages of coil-to-globule transitions of stimuli-responsive polymers in water   |
| 10:30                          | CL23 - Peter Werner            | New process spectroscopic approaches for the coil-to-globule/globule-to-coil transformation in a concentrated PNIPAM suspension       |
| 10:55                          | <i>Coffee break/Exhibition</i> |   |
| 11:25                          | IL8 - Heinz W. Siesler         | Vibrational spectroscopy with handheld instruments: Instrumentation, applications and future aspects                                  |
| 12:05                          | CL24 - Elena Sagitova          | Low-frequency Raman spectra of propylene copolymers and polymorphs of polypropylene   |
| 12:30                          | CL25 - Enrico Pigorsch         | FTIR spectroscopic and Raman imaging investigations of cellulose graft copolymers   |
| 12:55                          | CL26 - Frank Windrich          | Monitoring the cure process of thin films polymers for microelectronic packaging applications by rapid scan in-situ FTIR spectroscopy |
| 13:20                          | Closing session and Awards     |   |
| 13:35                          | <i>Lunch and Farewell</i>      |   |