

09:00 - 09:45	<b>Plenary Talk / CHAIR: Roland WÜRSCHUM</b> <b>Horst HAHN</b> "Design of materials properties by microstructure and external fields"	HS P1
09:45 - 10:30	<b>Plenary Talk / CHAIR: Reinhard ALKOFER</b> <b>Federica PETRICCA</b> "Catching dark matter: Status and future of direct detection"	HS P1
10:30 - 10:45	<b>COFFEE</b>	
10:45 - 11:15	<b>Fritz Kohlrausch Prize Talk</b> <b>Johannes FINK</b> "Controlling Microwave Photons with Micromechanical Oscillators"	HS P1
11:15 - 11:45	<b>Roman Ulrich Sexl Prize Talk</b> <b>Gernot POTTLAGHER &amp; Dieter WINKLER</b> "Ausgewählte Experimente zum Thema Levitation"	HS P1
11:45 - 12:15	<b>Max Auwärter Prize Talk</b> <b>Fabio DONATI</b> "Magnetic remanence in single atoms"	HS P1
12:15 - 14:00	<b>LUNCH BREAK</b>	
<b>SESSION: MBU</b> <b>CHAIR: Georg PAPST</b>		
14:00 - 14:15	<b>MBU T1</b> <b>Lisa Marx</b> "X-ray Studies of Antimicrobial Peptide Activity in E. coli Inner and Outer Membrane Mimics"	HS P2
14:15 - 14:30	<b>MBU T2</b> <b>Enrico Semeraro</b> "Time-Resolved X-ray Studies of Antimicrobial Peptide Activity in Live E. coli on the Nano- to Micrometer Scales"	HS P2
14:30 - 14:45	<b>MBU T3</b> <b>Michael Mayrhofer-Reinhartshuber</b> "IKOSA: Online Platform for Automated Image Analysis based on Artificial Intelligence"	HS P2
14:45 - 15:00	<b>MBU T4</b> <b>Franziska Strasser</b> "Calibration free measurement of optical force and torque of trapped particles"	HS P2
15:00 - 15:15	<b>MBU T5</b> <b>Joao Ameixa</b> "Low-energy electron-induced decomposition of 5-trifluoromethanesulfonyl-uracil: a high-potential radiosensitizer"	HS P2

15:15 - 15:30	<b>MBU T6</b>  <b>Marcell Wolf</b> "The effect of pressure on a liquid-liquid phase separated protein system induced by multivalent ions"	HS P2
<b>SESSION: AMP II</b> <b>CHAIR: Florian LACKNER</b>		
14:00 - 14:20	<b>AMP T5</b>  <b>Amit Nanda</b> "Ramsey set-up for (anti-)hydrogen spectroscopy"	HS P3
14:20 - 14:40	<b>AMP T6</b>  <b>Ralf Meyer</b> "Neural network based embedded atom model potentials for metallic nanoparticles"	HS P3
14:40 - 14:55	<b>AMP T7</b>  <b>Christian Brand</b> "Atomic diffraction through a pristine sheet of single layer graphene"	HS P3
14:55 - 15:10	<b>AMP T8</b>  <b>Christian Brand</b> "Selecting molecular conformers by matter-wave diffraction"	HS P3
15:10 - 15:30	<b>AMP T9</b>  <b>Markus Koch</b> "Non-Adiabatic Photofragmentation Dynamics of Acetone Molecules Studied by Femtosecond Photoelectron-Photoion Coincidence Spectroscopy"	HS P3
<b>SESSION: FAKT III</b> <b>CHAIR: Reinhard ALKOFER</b>		
14:00 - 14:25	<b>FAKT T11</b>  <b>Walter Pötz</b> "Lattice Fermions without Doubling"	SR TDK
14:25 - 14:50	<b>FAKT T12</b>  <b>Markus Huber</b> "Recent developments in the calculation of correlation functions of Yang-Mills theory"	SR TDK
14:50 - 15:15	<b>FAKT T13</b>  <b>Helios Sanchis Alepuz</b> "Status of Hadron Structure Calculations in Continuum QCD"	SR TDK
15:15 - 15:30	<b>FAKT T14</b>  <b>Jordi Paris-López</b> "On the dynamic generation of kinetic terms for mesonic bound states"	SR TDK

<b>SESSION: OGD V</b> <b>CHAIR: Christian TEICHERT</b>		
14:00 - 14:15	<b>OGD T22</b> <b>Grant Simpson</b> "Rotation and Translation of a Single Molecular Dipole"	HS BE01
14:15 - 14:30	<b>OGD T23</b> <b>Anton Tamtögl</b> "Corroborating diffusion mechanisms between cryogenic and ambient temperatures"	HS BE01
14:30 - 14:45	<b>OGD T24</b> <b>Donato Civita</b> "Selective dissociation of intramolecular bonds by STM manipulation"	HS BE01
14:45 - 15:00	<b>OGD T25</b> <b>Michael Györök</b> "Aggregation of Metallophilic Molecules on Surfaces"	HS BE01
15:00 - 15:15	<b>OGD T26</b> <b>Christophe Nacci</b> "Reversible Switching of Azobenzene Tetramers Molecules on a Metal Surface"	HS BE01
15:15 - 15:30	<b>OGD T27</b> <b>Vitalii Stetsovych</b> "Resonant excitation of helicene single molecules by radio-frequency scanning tunneling microscopy"	HS BE01
15:30 - 16:00	<b>COFFEE</b>	

<b>SESSION: AMP III</b> <b>CHAIR: Markus KOCH</b>		
16:00 - 16:20	<b>AMP T10</b> <b>Bernhard Thaler</b> "Ultrafast photoexcitation dynamics inside superfluid helium nanodroplets"	HS P3
16:20 - 16:40	<b>AMP T11</b> <b>Miriam Meyer</b> "Coherent vibrational wave packet motion inside superfluid helium nanodroplets"	HS P3
16:40 - 17:00	<b>AMP T12</b> <b>Raphael Holzinger</b> "Subradiance in V-type Multi Level Systems"	HS P3
17:00 - 17:20	<b>AMP T13</b> <b>Roman Messner</b> "Spectroscopy of gold atoms in helium nanodroplets"	HS P3

<b>SESSION: FAKT IV</b> <b>CHAIR: Reinhard ALKOFER</b>		
16:00 - 16:15	<b>FAKT T15</b> <b>Sebastian Raubitzeck</b> "The size of the W-boson"	SR TDK
16:15 - 16:30	<b>FAKT T16</b> <b>Madeleine Adrien</b> "Mesonic bound states in a nearly-conformal gauge theory"	SR TDK
16:30 - 16:45	<b>FAKT T17</b> <b>Wolfgang Kern</b> "On the spectral dimensions seen by gluons"	SR TDK
16:45 - 17:00	<b>FAKT T18</b> <b>Romain Contant</b> "On the quark-gluon vertex at nonvanishing temperature"	SR TDK
17:00 - 17:10	<b>FAKT T19</b> <b>Angel Salvador Miramontes Lopez</b> "Pionic corrections to the mesons' quark core"	SR TDK
17:10 - 17:20	<b>FAKT T20</b> <b>Bernhard Stöllinger</b> "On chiral perturbation theory for composite states"	SR TDK
17:20 - 17:35	<b>FAKT T21</b> <b>Florian Atteneder</b> "The charged rotating mass shell and its gyromagnetic ratio in general relativity and modified gravity theories"	SR TDK
<b>SESSION: OGD VI</b> <b>CHAIR: Christophe NACCI</b>		
16:00 - 16:30	<b>OGD T28</b> <b>Markus Valtiner</b> "Molecularly confined aqueous ionic liquid solutions"	HS BE01
16:30 - 16:45	<b>OGD T29</b> <b>Fabian Muralter</b> "Tunable Swelling Behavior of Hydrogel Thin Films deposited by initiated Chemical Vapor Deposition"	HS BE01
16:45 - 17:00	<b>OGD T30</b> <b>Oliver Werzer</b> "Finding new drug polymorphs within thin films"	HS BE01
17:00 - 17:15	<b>OGD T31</b> <b>Roland Resel</b> "Crystallisation of dioctyloxy-benzthiophene within thin films: a layer-by-layer growth mode"	HS BE01

<b>17:15 - 17:30</b>	<b>OGD T32</b> <b>Georgii Krikun</b> "Influence of thermal transport parameters on operation temperature of OLEDs"	<b>HS BE01</b>
<b>17:30</b>	<b>CLOSING OF THE CONFERENCE</b>	