

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

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

SESSION: OGD V CHAIR: Christian TEICHERT		
14:00 - 14:15	OGD T22 Grant Simpson "Rotation and Translation of a Single Molecular Dipole"	HS BMT
14:15 - 14:30	OGD T23 Anton Tamtögl "Corroborating diffusion mechanisms between cryogenic and ambient temperatures"	HS BMT
14:30 - 14:45	OGD T24 Donato Civita "Selective dissociation of intramolecular bonds by STM manipulation"	HS BMT
14:45 - 15:00	OGD T25 Michael Györök "Aggregation of Metallophilic Molecules on Surfaces"	HS BMT
15:00 - 15:15	OGD T26 Christophe Nacci "Reversible Switching of Azobenzene Tetramers Molecules on a Metal Surface"	HS BMT
15:15 - 15:30	OGD T27 Vitalii Stetsovych "Resonant excitation of helicene single molecules by radio-frequency scanning tunneling microscopy"	HS BMT
15:30 - 16:00	COFFEE	
SESSION: AMP III CHAIR: Markus KOCH		
16:00 - 16:20	AMP T10 Bernhard Thaler "Ultrafast photoexcitation dynamics inside superfluid helium nanodroplets"	HS P3
16:20 - 16:40	AMP T11 Miriam Meyer "Coherent vibrational wave packet motion inside superfluid helium nanodroplets"	HS P3
16:40 - 17:00	AMP T12 Raphael Holzinger "Subradiance in V-type Multi Level Systems"	HS P3
17:00 - 17:20	AMP T13 Roman Messner "Spectroscopy of gold atoms in helium nanodroplets"	HS P3

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

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