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## AKU – Acoustics

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**Tuesday, 11.09.**

**SESSION: AKU I**  
**CHAIR: Christoph REICHL**

<b>16:00 - 16:20</b>	<b>AKU T1</b> <b>Christoph Reichl</b> "MicLocator - Determining multiple microphones' positions using sound wave delay and trilateration"	<b>HS P3</b>
<b>16:20 - 16:40</b>	<b>AKU T2</b> <b>Simon Hinterseer</b> "Determining the Influence of the Operating Point on Noise Emissions of Air Source Heat Pumps"	<b>HS P3</b>
<b>16:40 - 17:00</b>	<b>AKU T3</b> <b>Christian Kaseß</b> "Gaussian Closure für hysteretische Systeme unter weißem Rauschen!"	<b>HS P3</b>

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*AMP – Atoms, Molecules, Quantum Optics  
and Plasmas*

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**Wednesday, 12.09.**

**SESSION: AMP I**

**CHAIR: Roland LAMMEGGER**

<b>16:00 - 16:20</b>	<b>AMP T1</b> <b>Christoph Amtmann</b> "A coupled dark state magnetometer developed for space mission"	<b>HS P3</b>
<b>16:20 - 16:40</b>	<b>AMP T2</b> <b>Laurin Ostermann</b> "Super- and subradiance of a 1D chain of clock atoms trapped inside an optical fiber"	<b>HS P3</b>
<b>16:40 - 17:00</b>	<b>AMP T3</b> <b>Maxime Jacquet</b> "The influence of spacetime curvature on quantum emission in optical analogues to gravity"	<b>HS P3</b>
<b>17:00 - 17:20</b>	<b>AMP T4</b> <b>Pascal Heim</b> "Bayesian Analysis of Femtosecond Pump-Probe Photoelectron-Photoion Coincidence Measurements"	<b>HS P3</b>

**Thursday, 13.09.**

**SESSION: AMP II**

**CHAIR: Florian LACKNER**

<b>14:00 - 14:20</b>	<b>AMP T5</b> <b>Amit Nanda</b> "Ramsey set-up for (anti-)hydrogen spectroscopy"	<b>HS P3</b>
<b>14:20 - 14:40</b>	<b>AMP T6</b> <b>Ralf Meyer</b> "Neural network based embedded atom model potentials for metallic nanoparticles"	<b>HS P3</b>

<b>14:40 - 14:55</b>	<b>AMP T7</b>  <b>Christian Brand</b> "Atomic diffraction through a pristine sheet of single layer graphene"	<b>HS P3</b>
<b>14:55 - 15:10</b>	<b>AMP T8</b>  <b>Christian Brand</b> "Selecting molecular conformers by matter-wave diffraction"	<b>HS P3</b>
<b>15:10 -15:30</b>	<b>AMP T9</b>  <b>Markus Koch</b> "Non-Adiabatic Photofragmentation Dynamics of Acetone Molecules Studied by Femtosecond Photoelectron-Photoion Coincidence Spectroscopy"	<b>HS P3</b>

## SESSION: AMP III

**CHAIR: Markus KOCH**

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

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## COND – Condensed Matter

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**Tuesday, 11.09.**

### SESSION: COND I CHAIR: Markus AICHHORN

14:00 - 14:15	COND T1 <b>Nikola Opacak</b> "QWIPs and QCDs for RF"	HS P2
14:15 - 14:30	COND T2 <b>Aaron Maxwell Andrews</b> "Quantum Cascade Laser and Detector Material Systems"	HS P2
14:30 - 14:45	COND T3 <b>Borislav Hinkov</b> "Surface emitting ring interband cascade lasers"	HS P2
14:45 - 15:00	COND T4 <b>Thomas Hahn</b> "Diagrammatic Monte Carlo study of Fröhlich polaron dispersion in two and three dimensions"	HS P2
15:00 - 15:15	COND T5 <b>Gilles Bourret</b> "Three Dimensional Nanostructuring of Silicon"	HS P2
15:15 - 15:30	COND T6 <b>Maximilian Beiser</b> "Mode-locked interband cascade lasers"	HS P2

### SESSION: COND II CHAIR: Markus KRATZER

16:00 - 16:15	COND T7 <b>Eva-Maria Steyskal</b> "In-Situ Studies on the Formation and Tunable Properties of Nanoporous Metals Produced by Electrochemical Dealloying"	HS P2
16:15 - 16:30	COND T8 <b>Christian Rentenberger</b> "Characterisation of CuZr-based bulk metallic glasses after structural rejuvenation by severe plastic deformation"	HS P2
16:30 - 16:45	COND T9 <b>Elisabeth Hengge</b> "Quantitative analysis of the precipitation kinetics in dilute alloys by isothermal in-situ high-precision dilatometry"	HS P2
16:45 - 17:00	COND T10 <b>Markus Göbner</b> "Electrochemical Tuning of Magnetism in Nanoporous Systems-Oxydation, Hydrogenation and Surface Charging"	HS P2

17:00 - 17:15	<b>COND T11</b> <b>Caterina Czubala</b> "Viscoelastic properties of pulp fibers investigated by atomic force microscopy"	HS P2
17:15 - 17:30	<b>COND T12</b> <b>Natalia Bedoya-Martinez</b> "Towards a reliable description of lattice vibrations in organic molecular crystals: Effect of van der Waals interactions"	HS P2

## Wednesday, 12.09.

### SESSION: COND III

CHAIR: Peter PUSCHNIG

14:00 - 14:15	<b>COND T13</b> <b>Max Sorantin</b> "Impact ionization processes in the steady state of a driven Mott insulating layer coupled to metallic leads"	HS P2
14:15 - 14:30	<b>COND T14</b> <b>Mathias Schwendt</b> "Discrete Transparent Boundary Conditions for the Schrödinger Equation in (1+1)D"	HS P2
14:30 - 14:45	<b>COND T15</b> <b>Maximilian Schober</b> "Spin- and Valley Polarized Electron Layers"	HS P2
14:45 - 15:00	<b>COND T16</b> <b>Michaela Haslhofer</b> "Collective Modes in Graphene on a Bulk Substrate"	HS P2
15:00 - 15:15	<b>COND T17</b> <b>Michel Bockstedte</b> "Ab initio description of highly correlated states in defects for realizing quantum bits"	HS P2
15:15 - 15:30	<b>COND T18</b> <b>Markus Aichhorn</b> "Mott physics and transport properties in multi-orbital systems: The example of manganese pnictides"	HS P2

### SESSION: COND IV & NESY

CHAIR: Roland RESEL

16:00 - 16:15	<b>NESY T1</b> <b>Richard Haider</b> "On Laser Ablation and Injection Moulding as Techniques for the Production of Small Angle X-Ray Scattering Compatible Micro Channels"	HS P2
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<b>16:15 - 16:30</b>	<b>NESY T2</b> <p style="text-align: center;"><b>Rainer Lechner</b></p> "Revealing the Core/Shell Structure of CdSe/CdS Nanocrystals by synchrotron based SAXS/WAXS studies"	<b>HS P2</b>
<b>16:30 - 16:45</b>	<b>NESY T3</b> <p style="text-align: center;"><b>Lukas Ludescher</b></p> "Apparent lattice deformation of ordered mesoporous silica during in-situ sorption small angle scattering measurements"	<b>HS P2</b>
<b>16:45 - 17:00</b>	<b>COND T19</b> <p style="text-align: center;"><b>Andrea Navarro Quezada</b></p> "Magnetoresistance of phase separated (Ga,Fe)N containing $\text{GaFe}_{4-y}\text{N}$ embedded nanocrystals "	<b>HS P2</b>
<b>17:00 - 17:15</b>	<b>COND T20</b> <p style="text-align: center;"><b>Maurizio Musso</b></p> "Characterization of Tannin-Furanic Foams by Raman Spectroscopy, Infrared Spectroscopy, and by X-ray Computed Microtomography"	<b>HS P2</b>
<b>17:15 - 17:30</b>	<b>COND T21</b> <p style="text-align: center;"><b>Benedetta Marmioli</b></p> "X-ray study of the Hydration of Lipid Membranes upon Interaction with a Mesoporous Support prepared by Deep X-Ray Lithography Technique"	<b>HS P2</b>

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## *ELI – Extreme Light Infrastructure*

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**Wednesday, 12.09.**

<b>SESSION: ELI I</b>		
<b>CHAIR: Zsolt FULOP</b>		
<b>14:00 - 14:30</b>	<b>ELI T1</b> <b>Dimitris Charalambidis</b> "ELI: Scientific opportunities, perspectives and challenges"	<b>SR IF</b>
<b>14:30 - 14:50</b>	<b>ELI T2</b> <b>Karoly Osvay</b> "Few-cycle laser based research technologies for users at ELI Attosecond Light Pulse Source"	<b>SR IF</b>
<b>14:50 - 15:10</b>	<b>ELI T3</b> <b>Markus Kitzler</b> "Attosecond measurement and control of electron and nuclear dynamics in molecules"	<b>SR IF</b>
<b>15:10 - 15:30</b>	<b>ELI T4</b> <b>Joachim Krenn</b> "Probing Nanoplasmonic Field Enhancement with Ultrafast Photoemission"	<b>SR IF</b>

<b>SESSION: ELI II</b>		
<b>CHAIR: Zsolt FULOP</b>		
<b>16:00 - 16:30</b>	<b>ELI T5</b> <b>Sergei Bulanov, Georg Korn</b> "Extreme Light Infrastructure (ELI): Science and Technology at the ultra-intense Frontier"	<b>SR IF</b>
<b>16:30 - 16:50</b>	<b>ELI T6</b> <b>Kazuo Tanaka</b> "Where does ELI-NP stand now?"	<b>SR IF</b>
<b>16:50 - 17:10</b>	<b>ELI T7</b> <b>Ronald Meisels</b> "Simulation of EUV mirrors towards all-angle reflection"	<b>SR IF</b>

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## FAKT – Nuclear and Particle Physics

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**Wednesday, 12.09.**

<b>SESSION: FAKT I</b>		
<b>CHAIR: Reinhard ALKOEFER</b>		
14:00 - 14:25	<b>FAKT T1</b> <b>Alexander Burker</b> "Imaging with ion beams at MedAustron"	SR TDK
14:25 - 14:50	<b>FAKT T2</b> <b>Martin Stahlberg</b> "Direct Search for Dark Matter with the CRESST III Experiment"	SR TDK
14:50 - 15:15	<b>FAKT T3</b> <b>Thomas Madlener</b> "Recent Measurements of P-wave quarkonia at CMS"	SR TDK
15:15 - 15:30	<b>FAKT T4</b> <b>Stephan Sponar</b> "Weak Values and Weak Measurements studied in Neutron Interferometry"	SR TDK

<b>SESSION: FAKT II</b>		
<b>CHAIR: Reinhard ALKOEFER</b>		
16:00 - 16:15	<b>FAKT T5</b> <b>Alicia Wongel</b> "SModelS: An LHC New Physics Tool - Update to signatures beyond missing energy"	SR TDK
16:15 - 16:30	<b>FAKT T6</b> <b>Victor Franz Hess Award Winner</b> <b>Erica Brondolin</b> "Track reconstruction in the CMS experiment for the High Luminosity LHC"	SR TDK
16:30 - 16:45	<b>FAKT T7</b> <b>Manfred Valentan</b> "The CMS High Granularity Calorimeter for the High Luminosity LHC"	SR TDK
16:45 - 17:00	<b>FAKT T8</b> <b>Dominic Blöch</b> "The CMS Outer Tracker system for the High Luminosity LHC"	SR TDK



17:00 - 17:15	<b>FAKT T9</b> <b>Carina Trippl</b> "A New High-precision Silicon Drift Detector System for Kaonic Atom Measurements at J-PARC and DAFNE"	SR TDK
17:15 - 17:30	<b>FAKT T 10</b> <b>Marlene Tüchler</b> "A charged particle veto detector for kaonic deuterium measurements at DAFNE"	SR TDK

## Thursday, 13.09.

<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: FAKT IV</b> <b>CHAIR: Reinhard ALKOFER</b>		
16:00 - 16:15	<b>FAKT T15</b> <b>Sebastian Raubitsek</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

<b>16:45 - 17:00</b>	<b>FAKT T18</b> <b>Romain Contant</b> "On the quark-gluon vertex at nonvanishing temperature"	<b>SR TDK</b>
<b>17:00 - 17:10</b>	<b>FAKT T19</b> <b>Angel Salvador Miramontes Lopez</b> "Pionic corrections to the mesons' quark core"	<b>SR TDK</b>
<b>17:10 - 17:20</b>	<b>FAKT T20</b> <b>Bernhard Stöllinger</b> "On chiral perturbation theory for composite states"	<b>SR TDK</b>
<b>17:20 - 17:35</b>	<b>FAKT T21</b> <b>Florian Atteneeder</b> "The charged rotating mass shell and its gyromagnetic ratio in general relativity and modified gravity theories"	<b>SR TDK</b>

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## *GEP – History of Physics*

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**Tuesday, 11.09.**

### **SESSION: GEP I**

**CHAIR: Heinz KRENN**

<b>14:00 - 14:40</b>	<b>GEP T1</b> <b>Walter Kutschera</b> "The life and science of Marie Curie and Lise Meitner - two icons of radioactivity"	<b>SR TDK</b>
<b>14:40 - 15:00</b>	<b>GEP T2</b> <b>Franz Sachslehner</b> "Double refraction on artful historical crystal slides and glasses with inner stresses"	<b>SR TDK</b>
<b>15:00 - 15:20</b>	<b>GEP T3</b> <b>Armin Denoth</b> "From the Armarium to the Institute of Experimental Physics. The 275-year anniversary: 1743-2018"	<b>SR TDK</b>

### **SESSION: GEP II**

**CHAIR: Walter KUTSCHERA**

<b>16:00 - 16:40</b>	<b>GEP T4</b> <b>Heinz Krenn</b> "Maxwell's Demon: A Historical Puzzle with Impact on Modern Physics"	<b>SR TDK</b>
<b>16:40 - 17:00</b>	<b>GEP T5</b> <b>Bruno Besser</b> "Early Styrian Meteorological Records Revisited"	<b>SR TDK</b>
<b>17:00 - 17:20</b>	<b>GEP T6</b> <b>Karl Mocnik</b> "Experimental Proof of Aetherdrift Disproves Hypothesis of Length-Contraction"	<b>SR TDK</b>

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## *LHS – Physics and School*

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**Wednesday, 12.09.**

<b>SESSION: LHS &amp; YM</b>		
<b>CHAIR: Alexander STRAHL</b>		
<b>14:00 - 14:20</b>	<b>LHS T1</b> <b>Markus Huber</b> "QUANT - Bringing current research to highschool physics education"	<b>HS P1</b>
<b>14:20 - 14:40</b>	<b>LHS T2</b> <b>Alexander Pflieger</b> "The international physics students competition PLANCKS - Physics League Across Numerous Countries for Kick-Ass Students"	<b>HS P1</b>
<b>14:40 - 15:30</b>	<u>See Announcement!</u>	<b>HS P1</b>

<b>SESSION: LHS &amp; YM</b>		
<b>CHAIR: Alexander STRAHL</b>		
<b>16:00 - 17:30</b>	<u>See Announcement!</u>	<b>HS P1</b>

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***MBU - Medical Physics, Biophysics and  
Environmental Physics***

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**Thursday, 13.09.**

<b>SESSION: MBU</b>		
<b>CHAIR: Georg PAPST</b>		
<b>14:00 - 14:15</b>	<b>MBU T1</b>  <p style="text-align: center;"><b>Lisa Marx</b>            "X-ray Studies of Antimicrobial Peptide Activity in E. coli Inner and Outer Membrane Mimics"</p>	<b>HS P2</b>
<b>14:15 - 14:30</b>	<b>MBU T2</b>  <p style="text-align: center;"><b>Enrico Semeraro</b>            "Time-Resolved X-ray Studies of Antimicrobial Peptide Activity in Live E. coli on the Nano- to Micrometer Scales"</p>	<b>HS P2</b>
<b>14:30 - 14:45</b>	<b>MBU T3</b>  <p style="text-align: center;"><b>Michael Mayrhofer-Reinhartshuber</b>            "IKOSA: Online Platform for Automated Image Analysis based on Artificial Intelligence"</p>	<b>HS P2</b>
<b>14:45 - 15:00</b>	<b>MBU T4</b>  <p style="text-align: center;"><b>Franziska Strasser</b>            "Calibration free measurement of optical force and torque of trapped particles"</p>	<b>HS P2</b>
<b>15:00 - 15:15</b>	<b>MBU T5</b>  <p style="text-align: center;"><b>Joao Ameixa</b>            "Low-energy electron-induced decomposition of 5-trifluoromethanesulfonyl-uracil: a high-potential radiosensitizer"</p>	<b>HS P2</b>
<b>15:15 - 15:30</b>	<b>MBU T6</b>  <p style="text-align: center;"><b>Marcell Wolf</b>            "The effect of pressure on a liquid-liquid phase separated protein system induced by multivalent ions"</p>	<b>HS P2</b>

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*NESY - Research with Neutron and  
Synchrotron Radiation*

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**Wednesday, 12.09.**

**SESSION: COND IV & NESY**

**CHAIR: Roland RESEL**

<b>16:00 - 16:15</b>	<b>NESY T1</b> <b>Richard Haider</b> "On Laser Ablation and Injection Moulding as Techniques for the Production of Small Angle X-Ray Scattering Compatible Micro Channels"	<b>HS P2</b>
<b>16:15 - 16:30</b>	<b>NESY T2</b> <b>Rainer Lechner</b> "Revealing the Core/Shell Structure of CdSe/CdS Nanocrystals by synchrotron based SAXS/WAXS studies"	<b>HS P2</b>
<b>16:30 - 16:45</b>	<b>NESY T3</b> <b>Lukas Ludescher</b> "Apparent lattice deformation of ordered mesoporous silica during in-situ sorption small angle scattering measurements"	<b>HS P2</b>

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## *OGD - Surfaces, Interfaces and Thin Layers*

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**Tuesday, 11.09.**

### **SESSION: OGD I**

**CHAIR: Egbert ZOJER**

14:00 - 14:30	OGD T1  <b>Christian Papp</b> "Surface Chemistry of 2D Materials"	HS BMT
14:30 - 14:45	OGD T2  <b>Margareta Wagner</b> "In <sub>2</sub> O <sub>3</sub> (111)-Surface Structure and Adsorption"	HS BMT
14:45 - 15:00	OGD T3  <b>Adrian Ruckhofer</b> "Surface phonon dispersion of Bi <sub>2</sub> Se <sub>3</sub> (111): Surface Acoustic Waves and Charge Density Wave"	HS BMT
15:00 - 15:15	OGD T4  <b>Julian Pilz</b> "Influence of Substrate Temperature on Structural, Optical, and Electrical Properties of ZnO Deposited by Plasma-Enhanced Atomic Layer Deposition"	HS BMT
15:15 - 15:30	OGD T5  <b>Alberto Perrotta</b> "Initial ZnO Crystallite Formation by Plasma Enhanced Atomic Layer Deposition"	HS BMT

### **SESSION: OGD II**

**CHAIR: Michael RAMSEY**

16:00 - 16:15	OGD T6  <b>Zhiyu Zou</b> "Transition Metal Clusters on Zirconia (ZrO <sub>2</sub> ) Thin Films: Growth and Metal-Oxide Interactions"	HS BMT
16:15 - 16:30	OGD T7  <b>Jasmin Abdou</b> "Wet chemical preparation of CeO <sub>2</sub> (111) supported Au catalyst"	HS BMT
16:30 - 16:45	OGD T8  <b>Martin Schnedlitz</b> "To be or not to be alloyed: The unexpected behaviour of Ni-Au and Co-Au core-shell nanoparticles upon heating"	HS BMT
16:45 - 17:00	OGD T9  <b>Maximilian Lasserus</b> "Thermally induced alloying process in core@shell AgAu particles: A new method to measure diffusion on the nanoscale"	HS BMT

<b>17:00 - 17:15</b>	<b>OGD T10</b> <b>Florian Lackner</b> "Helium Nanodroplet Based Synthesis of Tailored Nanoparticles for Surface Enhanced Raman Spectroscopy"	<b>HS BMT</b>
<b>17:15 - 17:30</b>	<b>OGD T11</b> <b>Alexander Schiffmann</b> "Plasmon spectroscopy of metallic nanoparticles on ultra-thin h-BN films"	<b>HS BMT</b>

## Wednesday, 12.09.

<b>SESSION: OGD III</b> <b>CHAIR: Christian PAPP</b>		
<b>14:00 - 14:30</b>	<b>OGD T12</b> <b>Michael Ramsey</b> "Dielectric interlayers: Promoters of charge transfer or inert decoupling layers or both"	<b>HS BMT</b>
<b>14:30 - 14:45</b>	<b>OGD T13</b> <b>Bernd Kollmann</b> "Photoemission Tomography of NiTPP on Cu(100)"	<b>HS BMT</b>
<b>14:45 - 15:00</b>	<b>OGD T14</b> <b>Alexander Egger</b> "Ab-initio Structure Prediction of TCNE on Cu(111): From Monolayers towards Thin Films"	<b>HS BMT</b>
<b>15:00 - 15:15</b>	<b>OGD T15</b> <b>Michael Hollerer</b> "Crystalline growth of flexible organic molecules: 6P on Ag(001)"	<b>HS BMT</b>
<b>15:15 - 15:30</b>	<b>OGD T16</b> <b>Lukas Hörmann</b> "Taming the Configurational Explosion: Coarse Grained Modeling and Statistical Learning for Surface Structure Search"	<b>HS BMT</b>

<b>SESSION: OGD IV</b> <b>CHAIR: Margareta WAGNER</b>		
<b>16:00 - 16:30</b>	<b>OGD T17</b> <b>Oliver Diwald</b> "Porphyrin Adsorption at Metal Oxide Nanoparticle Surfaces and Solid-Liquid Interfaces"	<b>HS BMT</b>



16:30 - 16:45	<b>OGD T18</b> <b>Larissa Egger</b> "Metalation of Organic Molecules: Tetraphenylporphyrin on thin films MgO(001)/Ag(001)"	HS BMT
16:45 - 17:00	<b>OGD T19</b> <b>Michel Bockstedte</b> "Electronic states of porphyrins at surfaces: the signature of supramolecular network formation"	HS BMT
17:00 - 17:15	<b>OGD T20</b> <b>Aleksandar Matkovic</b> "Interfacial band engineering of MoS <sub>2</sub> /gold interfaces using pyrimidine containing self-assembled monolayers"	HS BMT
17:15 - 17:30	<b>OGD T21</b> <b>Markus Kratzer</b> "Controlling initial stages of organic thin film growth by the step width of ion beam modified TiO <sub>2</sub> (110)"	HS BMT

## Thursday, 13.09.

### SESSION: OGD V CHAIR: Christian TEICHERT

14:00 - 14:15	<b>OGD T22</b> <b>Grant Simpson</b> "Rotation and Translation of a Single Molecular Dipole"	HS BMT
14:15 - 14:30	<b>OGD T23</b> <b>Anton Tamtögl</b> "Corroborating diffusion mechanisms between cryogenic and ambient temperatures"	HS BMT
14:30 - 14:45	<b>OGD T24</b> <b>Donato Civita</b> "Selective dissociation of intramolecular bonds by STM manipulation"	HS BMT
14:45 - 15:00	<b>OGD T25</b> <b>Michael Györök</b> "Aggregation of Metallophilic Molecules on Surfaces"	HS BMT
15:00 - 15:15	<b>OGD T26</b> <b>Christophe Nacci</b> "Reversible Switching of Azobenzene Tetramers Molecules on a Metal Surface"	HS BMT
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 BMT

## SESSION: OGD VI

CHAIR: Christophe NACCI

16:00 - 16:30	<b>OGD T28</b> <b>Markus Valtiner</b> "Molecularly confined aqueous ionic liquid solutions"	<b>HS BMT</b>
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"	<b>HS BMT</b>
16:45 - 17:00	<b>OGD T30</b> <b>Oliver Werzer</b> "Finding new drug polymorphs within thin films"	<b>HS BMT</b>
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"	<b>HS BMT</b>
17:15 - 17:30	<b>OGD T32</b> <b>Georgii Krikun</b> "Influence of thermal transport parameters on operation temperature of OLEDs"	<b>HS BMT</b>

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## *PIN - Physics-Industry*

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**Wednesday, 12.09.**

<b>SESSION: PIN</b>		
<b>CHAIR: Peter KORCZAK</b>		
<b>14:00 - 14:20</b>	<b>PIN T1</b> <b>Josef Sacher</b> "Karriere als Physiker in der Industrie"	<b>HS P3</b>
<b>14:20 - 14:40</b>	<b>PIN T2</b> <b>Hemma Bieser</b> "Future Career Prospects for Physicists"	<b>HS P3</b>
<b>14:40 - 15:00</b>	<b>PIN T3</b> <b>Mario Mueller</b> "Physics as foundation for innovations in industry"	<b>HS P3</b>
<b>15:00 - 15:20</b>	<b>PIN T4</b> <b>Robert Hauser</b> "Study, Research, Teaching and Management, over a period of 35 years"	<b>HS P3</b>