

# Clustertreffen 2022

	Sunday, 2.10.	Monday, 3.10.	Tuesday, 4.10.	Wednesday, 5.10.	Thursday, 6.10.	Friday, 7.10.
8:00-9:00		Breakfast	Breakfast	Breakfast	Breakfast	Breakfast 7:30
9:00 - 9:40		<b>Josef Tiggesbäumker</b> Phase-of-the-Phase Electron Spectroscopy on Atoms and Clusters in Helium Nanodroplets	<b>Otto Dopfer</b> Photochemical Properties of Astrochemically-Relevant Silicon Clusters: Bridging the Gap Between Diatomics and Grains	<b>Friedrich Esch</b> Monitoring the dynamics of cluster/oxide support systems	<b>Richard Berndt</b> Spin switching and vibrations of molecular clusters on surfaces	8:00 Departure
9:40 - 10:20		<b>Daniela Rupp</b> Imaging ultrafast dynamics in isolated atomic clusters	<b>Ewald Janssens</b> Cluster-decorated graphene as a platform for studying molecular adsorption and desorption kinetics	<b>Matthias Hillenkamp</b> Unexpected sharp absorption peaks in silica-embedded gold clusters	<b>Marcel Mudrich</b> XUV spectroscopy and imaging of helium nanodroplets	
10:20 - 10:50		Coffee break	Coffee break	Coffee break	Coffee break	
10:50 - 11:30		<b>Lukas Bruder</b> Ultrafast multidimensional spectroscopy of cluster-isolated species	<b>Roland Wester</b> Ion-molecule reactive scattering: from classical to quantum dynamics	<b>Knut Asmis</b> Probing the Vibrational Wave Packet Dynamics of Mass-selected Neutral Metal Clusters	<b>Alessandro Colombo</b> The dark side of Coherent Diffraction Imaging: an honest journey from rare-gas clusters to silver nanocrystals	
11:30 - 12:10		<b>Jan Krohn</b> How heteromolecular clusters promote the condensation of volatile components in multicomponent vapors	<b>Michael Farnik</b> Different experiments with clusters of (poly)aromatic hydrocarbons	<b>Lutz Schweikhardt</b> Ion trapping for cluster studies at Greifswald	<b>Ingo Krossing</b> Gas Phase Cations in the Condensed Phase. What are the Limits...?	
12:15 - 16:45		Lunch Discussions	Lunch Discussions	Lunch Discussions	Lunch Discussions	
16:45 - 17:25		<b>Petr Slavicek</b> Non-local Electronic Processes: From Clusters to Solutions	<b>Michael Moseler</b> Classical molecular dynamics of systems far from equilibrium – from nanoparticles to nanotribology	<b>Elisabeth Gruber</b> Formation and spectroscopy of He-tagged dopant ions by using highly charged helium nanodroplets	<b>Paul Tümmler</b> Observation of surface healing dynamics in laser driven clusters	
17:25 – 18:05		<b>Martin Beyer</b> Photochemical Hydrogen Evolution at Metal Centers	<b>Stefan Goedecker</b> Trends in the stability and synthesizability of clusters: A theoretical study of their energy landscapes	<b>Thorsten Bernhardt</b> Isolated Calcium Manganese Oxide Clusters: Bioinspired Model Systems for Sustainable Catalytic Water Splitting	<b>Stefan Vajda</b> Size selected sub-nm clusters in heterogenous catalysis: Exploring size, composition and support effects	
18:05 - 18:25	Arrival	<b>Anna Maria Reider</b> Size-selected nanoparticles from superfluid helium droplets	<b>Björn Kruse</b> Influence of multilevel transitions for Quantum Coherent Diffractive Imaging	<b>Roland Panzou</b> Modelling of ultra-cold helium nanodroplet dynamics	<b>Mayara da Silva Santos</b> Direct spectroscopic identification of reactive metal-oxygen species	
18:30 - 19:30	Dinner	Dinner	Dinner	Dinner	Dinner	
19:30 - 19:50	Discussions	<b>Alexander Macion</b> A low cost, tuneable vacuum ultraviolet light source for determination of ionization potentials of clusters in molecular beam experiments	<b>Jessica Hartmann</b> Reactivity of Sea Salt Clusters with Atmospherically Relevant Acids in the Gas Phase	<b>Stephen Leach</b> FeAl <sub>2</sub> O <sub>7</sub> : Spin state of the Fe(IV)=O <sub>2</sub> unit	Discussions	
19:50 - 20:10		<b>Sebastian Hartweg</b> Determination of the Adenine-Thymine binding energy	<b>Norman Iwe</b> Coulomb barriers in polyanionic metal clusters	<b>Jonathan Barnes</b> Paramagnetic Properties of Neutral Sodium Doped Solvent Clusters		
20:15 - 22:00		Poster session	Poster session	Poster session		

Normal talks: 30 min + 10 min discussion

Hot topic talks: 15 min + 5 min discussion