## Posters

Hendrik Bekker	Development of a dual-radiofrequency trap for matter and antimatter
Ikbal Ahamed Biswas	Tests of fundamental physics by precision spectroscopy with Yb+ ions
Rohan Chakravarthy	Hyperfine and Zeeman optical pumping and transverse laser cooling of a thermal atomic beam of dysprosium using a single 421nm laser
Shuying Chen	Quantum-logic based search techniques for highly forbidden transitions in highly charged ions
Lei Cong	Spin-dependent exotic interactions
Florin Lucian Constantin	Searching for new physics using acetylene precision spectroscopy
José R. Crespo López-Urrutia	Extending the spectral range of searches for fifth forces with highly charged ions
Subhadeep De	Progress of building a Ytterbium-ion optical atomic clock
Daniel Gavilán Martín	Searching for dark matter with a 1000 km baseline interferometer
Thorsten Groh	Probing physics beyond the standard model using ultracold mercury
Leonie Hawkins	A continuous high-flux atomic source for strontium clocks and atom interferometers
Johannes Helgert	Searching for physics beyond the standard model with precision isotope shift measurements in entangled Ba+ ions
Max Luis Hellmich	Search for variation of fundamental constants: Towards a highly charged ion clock

Posters		
Paul Holzenkamp	The microwave cavity Penning trap for the LSYM project	
Chung Chuan Hsu	Towards a large-scale Atomic Interferometer Observatory and Network (AION) using ultracold strontium atoms to search for Decihertz gravitational waves and ultralight dark matter	
Taiki Ishiyama	Precise isotope shift measurement of a new clock transition in ytterbium atoms for new boson search	
Wei Ji	Search for axions with spin-based levitated sensor	
Tarek Khatir	Triple differential cross-section for electron- impact ionization of atoms and molecules	
Stepan Kokh	Towards ground state cooling of a Beryllium - highly charged ion crystal at low secular frequency	
Jonas Kramer	Phase noise cancellation for a fiber link connecting optical atomic clocks	
Sebastian Lahs	Cs in cryogenic Ar matrix as a platform to measure P and T violations	
Christian Mancini	Towards a test of the weak equivalence principle with squeezed strontium atoms	
Agnese Mariotti	First observation of a nonlinear Ca King plot and ist implications on new physics and nuclear properties	
Maria Pasinetti	The positron source at the LSym experiment	
Baptist Piest	Implementation of Delta-Kick squeezing in an atom interferometer	

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Shivani Ramachandran	Influence of THz radiation on the Rydberg- induced background in Karlsruhe Tritium Neutrino Experiment (KATRIN)
Jan Richter	Controlling Resonant Photon Scattering on Relativistic Ion Beams using Strong External Electromagnetic Fields at the Gamma Factory
Fritz Riehle	Einstein's basement: A new sector for relativistic particles
Sushree Subhadarshinee Sahoo	Mirrorless lasing-enabled remote sensing of magnetic fields
Gh. Saleh	New experiment under ordinary conditions with common tools to verify the Planck's equation
Vera Schäfer	Towards precision spectroscopy of highly charged ions
Nathaniel Sherrill	Probing unified theories with quantum sensors
Lukas Spieß	Measuring the magnetic field properties of Ca <sup>14+</sup>
Luca Toscani De Col	A solid-state approach to the Thorium nuclear clock: defect studies of Th: CaF2
Malte Wehrheim	Fundamental physics tests with an optical clock based on Ca14+
Vitaly Wirthl	Precision spectroscopy of the 2S-6P transition in atomic hydrogen and deuterium
Vikrant Yadav	Progress on the design and development of an all-optical transportable trapped-ion-based atomic clock