

Session 2

Tuesday, June 28

Name	Last name	Topic	Country	Poster name	Poster no.
Jorge	Delgado Guerrero	T06 Molecular spectroscopy	Spain	Attosecond photoionization time delays in Acetylene	S2-P01
Guadalupe	García Arellano	T06 Molecular spectroscopy	France	High-resolution molecular spectroscopy in micrometric thin cells	S2-P02
Matthieu	Génévriez	T05 Atomic spectroscopy	Belgium	Electric-Quadrupole Isolated-Core Excitation of Sr below the Sr ⁺ (5g) Threshold	S2-P03
Gilbert	Grell	T08 Ultrafast dynamics and attosecondphysics	Spain	Recent advances in the first principle simulation of attosecond XUV pump - XUV probe ionization spectra	S2-P04
Yu	He	T08 Ultrafast dynamics and attosecondphysics	Germany	Resonant Perfect Absorption Revealed by Attosecond Transient Absorption Spectroscopy in a Macroscopic Medium	S2-P05
Tanausú	Hernández Yanes	T17 Degenerate quantum gases	Poland	One- and two-axis squeezing via laser coupling in an atomic Fermi-Hubbard model	S2-P06
Christopher	Ho	T19 Fundamental physics, precision measurements and metrology	United Kingdom	Progress towards a measurement of the electron electric dipole moment with YbF molecules	S2-P07
Fabian	Holzmeier	T06 Molecular spectroscopy	Belgium	Dissociative Photoionization of EUV Lithography Photoresist Models	S2-P08
Daniel	Hönig	T18 Cold ions, atoms and molecules	Germany	Trapping Ions and Ion Coulomb Crystals in a 1D Optical Lattice	S2-P09
Gohar	Hovhannesian	T21 Optics and Imaging	France	Transition intensities of trivalent lanthanide ions in solids: Extending the Judd-Ofelt theory	S2-P10
Gohar	Hovhannesian	T05 Atomic spectroscopy	France	Improving the spectroscopic knowledge of neutral Neodymium	S2-P11
Felipe	Isaule	T17 Degenerate quantum gases	United Kingdom	Quantum phases of bosonic chiral molecules in helicity lattices	S2-P12
Lukasz	Jabłoński	T11 Highly charged ions	Poland	Two electron processes in relaxation of hollow atoms	S2-P13
Paweł	Jagodziński	T19 Fundamental physics, precision measurements and metrology	Poland	A high-resolution asymmetric von Hamos spectrometer for low-energy X-ray spectroscopy at the CRYRING@ESR electron cooler	S2-P14
Mantas	Jakučionis	T06 Molecular spectroscopy	Lithuania	Modeling Molecular Aggregates Using Dirac-Frenkel Variational Method	S2-P15
Deon Anton	Janse van Rensburg	T15 Rydberg atoms and ultra-cold plasmas	Netherlands	Neutral Atoms in Tweezer Arrays for Hybrid Quantum Computing	S2-P16
Marcin	Jastrzębski	T08 Ultrafast dynamics and attosecondphysics	Poland	Using second order correlation to measure femtosecond impulses	S2-P17
Rhys	Jenkins	T19 Fundamental physics, precision measurements and metrology	United Kingdom	Measuring the Electron's Electric Dipole Moment Using Ultracold YbF Molecules	S2-P18
Valdas	Jonauskas	T03 Electron collisions	Lithuania	Evaluation of radiative and Auger electron emission following K-shell vacancy creation in iodine	S2-P19
Sarunas	Jurgilas	T02 Atomic and molecular collisions	United Kingdom	Collisions between laser cooled molecules and atoms	S2-P20
Tőkési	Károly		Hungary	Effect of Vanadium implantation on the structure of glassy carbon	S2-P21
Miroslava	Kassayová	T03 Electron collisions	Czech Republic	Electron-Ion Recombination of N ₂ ⁺ Ions in the Ground Vibrational State	S2-P22
Victor	Kimberg	T04 Photon induced processes	Sweden	Two color all X-ray pump-probe spectroscopy of rotational dynamics	S2-P23
Victor	Kimberg	T08 Ultrafast dynamics and attosecondphysics	Sweden	Special Issue "Ultrafast X-ray spectroscopy" of Molecules journal calls for contributions	S2-P24
Teodora	Kirova	T09 Coherent control	Latvia	Azimuthal Modulation of Electromagnetically Induced Grating using Structured Light	S2-P25
Přemysl	Kolorenč	T04 Photon induced processes	Czech Republic	Fano-ADC(2,2) Method for Multi-Electron Decay Processes	S2-P26

Dimitris	Koulentianos	T06 Molecular spectroscopy	Germany	Imaging Ultrafast Chemical Dynamics	S2-P27
Dimitris	Koulentianos	T06 Molecular spectroscopy	Germany	Probing Structural Dynamics of Molecules and Clusters Using Intense X-ray Pulses: The Case of Indole-water	S2-P28
Milan	Krstajic	T18 Cold ions, atoms and molecules	United Kingdom	Production of an Erbium Dipolar BEC in a Tuneable Lens Optical Dipole Trap	S2-P29
Maciej Bartłomiej	Kruk	T07 Molecular reaction dynamics	Poland	Stationary, dynamic and thermal properties of flattened and elongated quantum droplets	S2-P30
Valts	Krumins	T18 Cold ions, atoms and molecules	Switzerland	Studies in View of Positronium Laser Cooling	S2-P31
Viačeslav	Kudriašov	T15 Rydberg atoms and ultra-cold plasmas	Lithuania	Control of Electromagnetically Induced Transparency Patterns in Rydberg Media by Orbital Angular Momentum Fields	S2-P32
Natalia	Kuk	T18 Cold ions, atoms and molecules	Sweden	Single-shot measurements of phonon number states using the Autler-Townes effect and composite pulses	S2-P33
Catmarna	Küstner-Wetekam	T13 Clusters and nanoparticles	Germany	Experimental investigation of the core-level ICD efficiency as a function of the number of neighbors	S2-P34
Eric	Kutscher	T10 Strong fields	Germany	Electron Dynamics and Correlations During High-Order Harmonic Generation in Be	S2-P35
Jerzy	Kwela	T05 Atomic spectroscopy	Poland	Effect of Saturation on Hyperfine Structure Spectra in Laser Absorption Spectroscopy	S2-P36
Aušra	Kynienė	T03 Electron collisions	Lithuania	Multiple photoionization for the 2p shell in the iron atom	S2-P37
Florian	Lackner	T13 Clusters and nanoparticles	Austria	Spectroscopy of Potassium Complexes in Helium Droplets: From Molecular Transitions to Plasmon Modes in Nanoparticles	S2-P38
Friedemann	Landmesser	T05 Atomic spectroscopy	Germany	Anisotropy of Multiple-Quantum Fluorescence Signals in Dilute Atomic Vapors	S2-P39
Monika	Leibschner	T09 Coherent control	Germany	Full quantum control over randomly oriented chiral molecules	S2-P40
David	Leimbach	T05 Atomic spectroscopy	Sweden	Electron affinity and lifetime measurements of negative ions	S2-P41
Espert Miranda	Leon	T17 Degenerate quantum gases	Germany	Compressibility and the equation of state of an optical quantum gas in a box	S2-P42
Yifan	Li	T17 Degenerate quantum gases	Switzerland	Entanglement of the macroscopic spins of two spatially separated Bose-Einstein condensates	S2-P43
Wen-Te	Liao	T09 Coherent control	Taiwan	Synthetic Gauge Potentials for the Dark State Polaritons in Atomic Media	S2-P44
Ugnė	Liaubaitė	T20 Quantum information and cavity QED	Germany	Error mitigation for quantum simulations on trap ion quantum computer	S2-P45
Journel	Loic	T06 Molecular spectroscopy	France	XPS Study of Cu(II) complexes in solution	S2-P46
Bastien	LUTET-TOTI	T03 Electron collisions	France	Post Collision Interaction effect studied of solvated ions ionized in K shell.	S2-P47
Mažena	Mackoīt Sinkevičienė	T17 Degenerate quantum gases	Lithuania	Simulation of squeezing models with atomic fermions in optical lattices via spin-wave theory	S2-P48
Vaida	Marčiulionytė	T04 Photon induced processes	Lithuania	Burst-mode filamentation and supercontinuum generation in transparent solids	S2-P49
Lutz	Marder	T13 Clusters and nanoparticles	Germany	Quenching of Photon Emission in Interatomic Decay of Heterogeneous Noble Gas Clusters After Direct Double Photoionization and Innershell Ionization	S2-P50
Eduardo	Marin Bujedo	T15 Rydberg atoms and ultra-cold plasmas	Belgium	Theoretical study of the ℓ -dependence of the autoionization rates of core-excited Rydberg states	S2-P51
Raphaël	Marion	T04 Photon induced processes	Belgium	Absolute cross sections and asymmetry parameters for photodetachment of excited C^{5+} (2D)	S2-P52
István	Márton	T10 Strong fields	Hungary	Study of the effect of higher-order dispersions on photoionisation induced by ultrafast laser pulses applying a classical theoretical method	S2-P53
István	Márton	T20 Quantum information and cavity QED	Hungary	Cyclic Einstein-Podolsky-Rosen steering	S2-P54
Šarūnas	Masys	T13 Clusters and nanoparticles	Lithuania	Electronic g-Tensor Dependence on the Size of Nanodiamonds: A Test for Geometries Obtained with GFN2-xTB Method	S2-P55

Algirdas	Mekys	T09 Coherent control	Lithuania	We investigate the nonlinear optical response of a four-level double-V-type quantum system interacting with a pair of weak probe fields while located near a two-dimensional array of metal-	S2-P56
Jorge	Mellado-Muñoz	T19 Fundamental physics, precision measurements and metrology	United Kingdom	Towards a YbF MOT to measure the electron's electric dipole momen	S2-P57
Dušan	Mészáros	T13 Clusters and nanoparticles	Slovakia	Low Energy Electron Attachment to Co(CO) ₃ NO Clusters	S2-P58
Wilko	Middents	T10 Strong fields	Germany	Cross section analysis in Rayleigh scattering of linearly polarized hard x-rays	S2-P59
Ivo	Mihov	T20 Quantum information and cavity QED	Bulgaria	Experimental Quantum Control on IBM Quantum Computer	S2-P60
Austėja	Mikalčiūtė	T12 Biomolecules	Lithuania	Modeling of inter-chlorophyll couplings in the photosynthetic FCP complex	S2-P61
Marjan	Mirahmadi	T18 Cold ions, atoms and molecules	Germany	The Role of Long-range Pairwise Interactions in Ion-atom-atom Three-body Recombination	S2-P62
Matthew	Mitchell	T17 Degenerate quantum gases	United Kingdom	Floquet soliton formation through periodic driving	S2-P63
Artūrs	Mozers	T05 Atomic spectroscopy	Latvia	Probing of the ground-state atomic alignment-to-orientation conversion in an external magnetic field with different polarizations of the probe beam	S2-P64
Mark H.	Stockett	T12 Biomolecules	Sweden	Spectroscopy and Dynamics of Flavin Ions in the Gas Phase	S2-P65
Abdelmalek	Taoutioui		Hungary	Investigation of the complexity of the photoelectron holographic structures induced by strong field laser pulses	S2-P66