Session 3

Thursday, June 30

Name	Last name	Topic	Country	Poster name	Poster no.
Guadalupe	Garcia Arellano		France	Casimir-Polder interaction as an accurate probe of the spectrally narrow near field thermal emission	S3-P01
Reza Hamedi	Hamid	T09 Coherent control	Lithuania	Spatially Strongly Confined Atomic Excitation via Two Dimensional Stimulated Raman Adiabatic Passage	S3-P02
Stefanos	Nanos	T02 Atomic and molecular collisions	University of Ioannina	Cusp electron studies in MeV/u collisions of O6 (1s2s 3S) ions with He targets	S3-P03
José Eduardo	Navarro Navarrete	T01 Atomic and molecular astrophysics	Sweden	The search for Non-IPR isomers of C60–	S3-P04
Marius	Navickas	T04 Photon induced processes	Lithuania	Femtosecond laser-induced low spatial frequency structures on fused silica with tunable-wavelength pulses	S3-P05
Viktor	Novičenko	T09 Coherent control	Lithuania	Analytical treatment of quantum systems driven by amplitude-modulated time-periodic force using flow equation approach	S3-P06
Nikolay	Novikovskiy	T08 Ultrafast dynamics and attosecondphysics	Germany	Investigation of the molecular-frame photoemission time delay for K-shell photoionization of N2	S3-P07
Nikolay	Novikovskiy	T06 Molecular spectroscopy	Germany	Differential Photoelectron Circular Dichroism in Methyloxirane	S3-P08
Alicia	Palacios	T08 Ultrafast dynamics and attosecondphysics	Saipan	Angle-dependent interferences in electron emission accompanying stimulated Compton scattering from molecules	S3-P09
Asimina	Papoulia	T08 Ultrafast dynamics and attosecondphysics	Sweden	Relativistic Time-dependent Configuration Interaction Singles Method	S3-P10
Hélène	Perrin	T17 Degenerate quantum gases	France	Superfluid Bose gas on a bubble	S3-P11
Francesco	Petiziol	T20 Quantum information and cavity QED	Germany	Cavity-based reservoir engineering for periodically driven quantum systems	S3-P12
Philip	Pfäfflein	T01 Atomic and molecular astrophysics	Germany	Precision Spectroscopy of He-like Uranium Employing Metallic Magnetic Calorimeters	S3-P13
Jindaratsamee	Phrompao	T02 Atomic and molecular collisions	Germany	Electric-field-controlled dipolar collisions between cold CH$_3$F molecules in an electrostatic trap	S3-P14
Michał Piotr	Piłat	T03 Electron collisions	Poland	Relativistic Inelastic Electron Scattering on Atoms and Ions; Calculations of Total Cross Sections and Collision Strengths in GRASP - Deion of the Method	S3-P15
Marcin	Plodzien	T17 Degenerate quantum gases	Spain	One-axis twisting as a method of generating many-body Bell correlations	S3-P16
Maximilian	Pollanka	T08 Ultrafast dynamics and attosecondphysics	Germany	Isosteric molecules in the time-domain	S3-P17
Sara	Pourjamal	T05 Atomic spectroscopy	Finland	Ultra-Stable, Continuous-Wave Light Source for 114Cd and 174Yb Atomic absorption line measurement for Precision Thermometry	S3-P18
Jakub	Prauzner-Bechcicki	T08 Ultrafast dynamics and attosecondphysics	Poland	The Correlation in Three-Electron Dynamics in a Strong-Field Ionization	S3-P19
Laima	Radžiūtė	T05 Atomic spectroscopy	Lithuania	Accuracy of allowed and forbidden transition properties for atoms/ions in Sb-isoelectronic sequence	S3-P20
Nicola	Reiter	T17 Degenerate quantum gases	Switzerland	Engineering spin dynamics in a superradiant quantum gas	S3-P21
Caleb	Rich	T02 Atomic and molecular collisions	United Kingdom	Towards sympathetic cooling of laser-cooled molecules with ultracold atoms	S3-P22
Emanuele	Rossi	T08 Ultrafast dynamics and attosecondphysics	Germany	Investigation of intramolecular charge transfer with non-linear X-Ray spectroscopy: theoretical challenges in the deion of coherent wave-packets and their properties	S3-P23
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Pavel	Rynkun	T05 Atomic spectroscopy	Lithuania	Theoretical study of energy spectra and radiative transitions of Pr3 ion	S3-P25
Krzysztof	Sacha	T21 Optics and Imaging	Poland	Condensed matter in big time crystals at room temperature	S3-P26

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Sangeetha	Sasidharan	T19 Fundamental physics, precision measurements and metrology	Germany	High-precision determination of the atomic mass of Helium-4 and other light atomic nuclei	S3-P29
Christian	Schröder	T08 Ultrafast dynamics and attosecondphysics	Germany	Photoemission Chronoscopy of the Iodoalkanes	S3-P30
Mudit	Sinhal	T19 Fundamental physics, precision measurements and metrology	Switzerland	Quantum technologies for single molecular ions	S3-P31
Karolina	Słowik	T13 Clusters and nanoparticles	Poland	Adatoms near graphene nanoantennas: interplay of optical coupling and electron tunneling	S3-P32
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Axel	Stenquist	T08 Ultrafast dynamics and attosecondphysics	Sweden	Disentangling Fundamental Processes of a Two-Level Wave Packet in Attosecond Transient Absorption Spectroscopy	S3-P34
Vladislav	Sukharnikov	T20 Quantum information and cavity QED	Germany	Schwinger Bosons for Density Matrices: Permutation Symmetry and Entanglement	S3-P35
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Tomasz	Szoldra	T08 Ultrafast dynamics and attosecondphysics	Poland	Machine learning parameters of attosecond pulses based on photoelectron momentum distributions	S3-P37
Kazimieras	Tamoliūnas	T04 Photon induced processes	Lithuania	The Nature of the Red Fluorescence States in the LHCII Protein Complex	S3-P38
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Viktorija	Tamulienė	T21 Optics and Imaging	Lithuania	Tunable Optical Parametric Amplification of Subnanosecond Light Pulses in LBO and BBO Nonlinear Crystals	S3-P40
Rodzinka	Tangui	T16 Atom interferometry and atomic clocks	France	Interferometer with Bose-Einstein Condensate based on quasi-Bragg diffraction	S3-P41
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Stepas	Toliautas	T07 Molecular reaction dynamics	Lithuania	Role of Symmetry in Environment-Sensing Mechanism of BODIPY-Based Molecular Dyes	S3-P43
Michal	Tomza	T02 Atomic and molecular collisions	Poland	Collisional losses of ultracold molecules due to intermediate complex formation	S3-P44
Hristo	Tonchev	T20 Quantum information and cavity QED	Bulgaria	High robustness quantum walk search algorithm with qudit Householder traversing coin	S3-P45
Daniela	Torres Díaz	T01 Atomic and molecular astrophysics	France	Non-thermal desorption from molecular ices: quantifying the role of Auger electrons in XESD	S3-P46
Florian	Trummer	T07 Molecular reaction dynamics	Austria	Towards Crossed-Beam Ion-Molecule Coincidence Imaging	S3-P47
Tereza	Uhlirova	T05 Atomic spectroscopy	Czech Republic	Algebraic Methods for Precise Atomic Structure Calculations	S3-P48
Rūta	Urbonavičiūtė	T01 Atomic and molecular astrophysics	Lithuania	Analysis of variable stars in binary systems from TESS observations	S3-P49
Erik	Vanko	T01 Atomic and molecular astrophysics	Czech Republic	Formation of anion C2H− in reaction of O− with C2H2 studied with 22-pole RF ion trap at temperatures 40 K - 300 K	S3-P50
Lazaros	Varvarezos	T05 Atomic spectroscopy	Ireland	Photoabsorption spectra of CsI plasmas in the 18-25 eV photon energy region.	S3-P51
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Aušra	Vektarienė	T07 Molecular reaction dynamics	Lithuania	A Transition Metal to Ligand Bonding Nature: How a Quantum Chemical Study of Ru η3-allyloxapyridyl Complex Reveals the Operation of the Dewar–Chatt– Duncanson Model	S3-P53
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Giuseppe	Vinelli	T16 Atom interferometry and atomic clocks	Italy	Light Interferometer for Measurement of the Gravitational Behavior of Antimatter	S3-P56
Stavroula	Vovla	T08 Ultrafast dynamics and attosecondphysics	Italy	IMPLEMENTATION OF SOFT X-RAY SPECTROSCOPY BEAMLINE BASED ON HHG FOR THE STUDY OF ULTRAFAST DYNAMICS IN ADVANCED MATERIALS	S3-P57
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Sidney	Wright	T18 Cold ions, atoms and molecules	Germany	Laser cooling of AlF molecules	S3-P59
Jing	Wu	T18 Cold ions, atoms and molecules	United Kingdom	Apparatus for creating and studying a Bose-Einstein Condensate of CaF molecules	S3-P60
Boxing	Zhu	T01 Atomic and molecular astrophysics	Sweden	Radiative Cooling of Polyyne Anions: C4H- and C6H-	S3-P61
Jakub	Zieliński	T11 Highly charged ions	Poland	New production scheme of HCI using antiprotonic atoms	S3-P62
Giedrius	Žlabys	T18 Cold ions, atoms and molecules	Lithuania	High-dimensional Time-Space Crystalline Structures And Their Topological Properties	S3-P63
Timo	Zwettler	T17 Degenerate quantum gases	Switzerland	A Strongly Interacting Fermi Gas Dispersively Coupled to Light	S3-P64