

SESSION 1

Monday, June 27

Name	Last name	Topic	Country	Poster name	Poster no.
Darius	Abramavičius	T06 Molecular spectroscopy	Lithuania	Revealing exciton Hamiltonian of Chlorophyll aggregate from 2DES crosspeak region	S1-P01
Karolis	Adomavičius	T21 Optics and Imaging	Lithuania	Retinal Imaging with Fourier-Domain Full-Field Optical Coherence Tomography and a Multimode Fiber for Coherence Noise Reduction	S1-P02
Jonathan	Agil	T19 Fundamental physics, precision measurements and metrology	France	Vacuum Magnetic Birefringence: an Optical Test of Quantum ElectroDynamics	S1-P03
Aitor	Alaña	T17 Degenerate quantum gases	Spain	Dimensional crossover in the superfluid-supersolid quantum phase transition in an elongated dipolar condensate	S1-P04
Artur	Aleksanyan	T05 Atomic spectroscopy	Armenia	Magnetic field values cancelling alkali atoms' transitions	S1-P05
Gregory	Armstrong	T10 Strong fields	United Kingdom	Enhancing spin polarization using attosecond angular streaking	S1-P06
Anton	Artemyev	T06 Molecular spectroscopy	Germany	Theoretical study of photoelectron circular dichroism of a model chiral anion	S1-P07
Joep	Assendelft	T16 Atom interferometry and atomic clocks	Italy	Interferometry on the Clock Transition in Sr-87 with Entangled Atoms in Momentum State Superpositions	S1-P08
Stefan	Aull	T15 Rydberg atoms and ultra-cold plasmas	Germany	Chiral Rydberg States of Laser Cooled Atoms	S1-P09
Chen	Avinadav	T16 Atom interferometry and atomic clocks	Israel	Atom Interferometry with Thousand-Fold Increase in Dynamic Range	S1-P10
Atilay	Ayasli	T07 Molecular reaction dynamics	Austria	Effects of deuteration on the reaction dynamics of F- with CH3I	S1-P11
Ojārs	Balcers	T04 Photon induced processes	Latvia	Reflection and Refraction of a Photon using a New Mathematical Photon	S1-P12
Laura	Baliulytė	T06 Molecular spectroscopy	Lithuania	Theoretical study of TPPS4 monomers and dimers including their spectra	S1-P13
Dariusz	Banaś	T11 Highly charged ions	Poland	Mechanism of surface nanostructures formation in the interaction of slow, highly charged xenon ions with the gold nanolayers	S1-P14
Dariusz	Banaś	T05 Atomic spectroscopy	Poland	Total Reflection X-ray Photoelectron Spectroscopy in Analysis of Ti and TiO2 Surfaces	S1-P15
Jonas	Banys	T04 Photon induced processes	Lithuania	High Efficiency Continuously Tunable Subnanosecond Optical Parametric Generator-Amplifier Based on MgO:PPLN Crystal	S1-P16
Justas	Bėškys	T21 Optics and Imaging	Lithuania	Non-homogeneously polarized optical Airy-like beams	S1-P17
Patrick	Bevington	T19 Fundamental physics, precision measurements and metrology	United Kingdom	Radio Frequency Atomic Magnetometers for Non-Destructive Inductive Measurements	S1-P18
Manika	Bhardwaj	T06 Molecular spectroscopy	Germany	Towards Quantum Control of Calcium Ions for the use in Molecular Spectroscopy	S1-P19
Christophe	Blondel	T05 Atomic spectroscopy	France	Optical diagnostics in cold plasmas and atomic spectroscopy	S1-P20
Mateusz	Bocheński	T18 Cold ions, atoms and molecules	Poland	Ultra-cold potassium-cesium mixtures in an optical dipole trap	S1-P21
Leon	Brückner	T08 Ultrafast dynamics and attosecondphysics	Germany	The accelerator on a chip: Progress and potential biomedical applications	S1-P22
Vytautas	Bubilaitis	T06 Molecular spectroscopy	Lithuania	Nonlinear exciton equations at fifth order to the optical field: Intensity dependent nonlinear spectra dynamics in J-type aggregate	S1-P23
Domantas	Burba	T17 Degenerate quantum gases	Lithuania	Subwavelength Raman lattices with time-dependent detuning	S1-P24
Luigi	Cacciapuoti	T19 Fundamental physics, precision measurements and metrology	Netherlands	Atomic Clock Ensemble in Space	S1-P25

Stasis	Chuchurka	T04 Photon induced processes	Germany	Stochastic methodology for superradiance based on positive P representation	S1-P26
Arturs	Cinins	T04 Photon induced processes	Latvia	Photoionization of Polarized Xe Atoms in a Magnetic Field	S1-P27
Arturs	Cinins	T09 Coherent control	Latvia	Optimal Adiabatic Passage Parameters for Tripod Quantum Systems	S1-P28
Alessandro	Colombo	T21 Optics and Imaging	Switzerland	Three-Dimensional Single-Shot Coherent Diffraction Imaging of Silver Nanocrystals	S1-P29
Petar	Danev	T20 Quantum information and cavity QED	Bulgaria	Robustness analysis of a modified quantum random walk search algorithm	S1-P30
Brennan	de Neeve	T20 Quantum information and cavity QED	Switzerland	Error correction of a logical grid state qubit by dissipative pumping	S1-P31
Mattanjah	de Vries	T12 Biomolecules	United States of America	How Nature Covers its Bases	S1-P32
Jorge	Delgado Guerrero	T06 Molecular spectroscopy	Spain	Attosecond Spectroscopy of Small Organic Molecules: XUV pump-XUV probe Scheme in Glycine	S1-P33
Laurynas	Diska	T14 Surface reaction dynamics and self-assembly	Lithuania	MODELING EXCITED STATES AND RAMAN SPECTRA PROPERTIES FOR CAROTENOID WITH COMPLEXES	S1-P34
Bedrane	Djouher	T10 Strong fields	France	Coaxial ion source: characterization of field ionization under gas flow	S1-P35
Jakub	Dobosz	T21 Optics and Imaging	Poland	All-fiber slave laser design for seeding high power amplifiers	S1-P36
Jacek	Dobrzyniecki	T18 Cold ions, atoms and molecules	Poland	Quantum Simulation of the Central Spin Model with a Rydberg Atom and Polar Molecules in Optical Tweezers	S1-P37
Ludovica	Donati	T04 Photon induced processes	Italy	Exploiting quantum interference to increase efficiency and power of solar cells	S1-P38
Stephen	Durkan	T06 Molecular spectroscopy	Ireland	Probing Dynamics in PMMA via Transient Absorption Spectroscopy	S1-P39
Marlena	Dziurawiec	T17 Degenerate quantum gases	Poland	Spin squeezing in the two-component Bose-Hubbard model with long-range interactions	S1-P40
Dmitry	Efimov	T10 Strong fields	Poland	Momentum-map analysis of strong- field double ionization in three-electron atom	S1-P41
Eric	Endres	T12 Biomolecules	Austria	Vibrational high resolution spectroscopy of biomolecules in a cryogenic 16-pole wire ion trap	S1-P42
Ruvins	Ferber	T06 Molecular spectroscopy	Latvia	Studies of the First Excited 1Pi State in Cs-containing Alkali Diatomics	S1-P43
Oliver	Forstner	T04 Photon induced processes	Germany	Laser Photodetachment Studies in a Storage Ring and Application to Mass Spectrometry	S1-P44
Sebastian	Fuchs	T11 Highly charged ions	Germany	High-Resolution Dielectronic Recombination Spectroscopy with Slow Cooled Pb78 Ions in the CRYRING@ESR Storage Ring	S1-P45
Halász	Gábor	T08 Ultrafast dynamics and attosecondphysics	Hungary	Topological aspects of quantum light-induced conical intersections	S1-P46
Florian	Gahbauer	T19 Fundamental physics, precision measurements and metrology	Latvia	Compact 3-D Caesium Vapour Magnetometer	S1-P47
Filip	Gampel	T18 Cold ions, atoms and molecules	Poland	Continuous measurement of a quantum system	S1-P48
Sébastien	Garcia	Topic T20 - Q information and cavity QED	France	Intracavity Rydberg superatom for optical quantum engineering	S1-P49
Guadalupe	Garcia Arellano	T05 Atomic spectroscopy	France	Measuring the Casimir-Polder Rydberg-surface interaction by vapour cell spectroscopy	S1-P50
Juan Manuel	García-Garrido	T09 Coherent control	Spain	Rovibrational dynamics of a diatomic molecule in an optical centrifuge	S1-P51
Jacek	Gebala	T18 Cold ions, atoms and molecules	Poland	Universality in three-body collisions of ultracold hybrid ion-atom systems	S1-P52
Moritz	Göb	T18 Cold ions, atoms and molecules	Germany	Single-Atom Heat Engine as a Sensitive Thermal Probe	S1-P53
Weronika	Golletz	T18 Cold ions, atoms and molecules	Poland	N Impenetrable Particles Bouncing on a Mirror: Discrete Time Crystals	S1-P54

Rosario	González-Férez	T15 Rydberg atoms and ultra-cold plasmas	Spain	Polyatomic ultralong range Rydberg molecules	S1-P55
Stefania	Gravina	T19 Fundamental physics, precision measurements and metrology	Italy	A comb-calibrated deep-ultraviolet laser spectrometer for temperature metrology	S1-P56
Robertas	Grigutis	T08 Ultrafast dynamics and attosecondphysics	Lithuania	Broadband Conical Third Harmonic Generation Induced by Femtosecond Filamentation in Fused Silica	S1-P57
Edvinas	Gvozdiovas	T17 Degenerate quantum gases	Lithuania	Spin-dependent sub-wavelength optical lattices	S1-P58
Pierre-Michel	Hillenbrand	T07 Molecular reaction dynamics	Germany	Merged-beams experiments on molecular ion-neutral reactions for astrochemistry	S1-P59
Tökési	Károly			Energy and angular distributions in low-energy electron and argon atom collisions	S1-P60
Abdelmalek	Taoutioui	T02 Atomic and molecular collisions	Hungary	Ionization and charge exchange cross sections in collisions between singly charged ions and ground-state atomic nitrogen	S1-P61