

Time	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
08:30		Registration				
09:00		Welcome and Opening G. Krausch K. Wendt / M. Block	Quantum Logic Spectroscopy of Highly-Charged Ions P. Schmidt 24 (25+5)	Novel ways in studying the atomic structure of superheavy elements M. Laatiaoui 29 (25+5)	Predicting Atomic Properties of Superheavy Elements M. Safronova 22 (25+5)	U isotopic shifts and hyperfine analysis using tunable laser spectroscopy of laser ablation plumes S. Harilal (25+5)
09:30		The Spectrum of Antihydrogen N. Madsen 127 (25+5)	Hyperfine puzzle of strong-field bound-state QED R. Sanchez 87 (15+5)	Laser Spectroscopy of the Heaviest Actinides P. Chhetri 53 (15+5)	High accuracy theoretical investigations of heavy atoms and highly charged ions A. Borschevsky 107 (15+5)	Highly Efficient and Sensitive Resonance Laser Ionization of Pu E. Romero-Romero 58 (15+5)
		Single atom heat engine with quantum load M. Mukherjee 4 (15+5)	Tests of Bound-State QED using Ramsey Comb Spectroscopy on H <sub>2</sub> and He <sup>+</sup> C. Roth 69 (15+5)	Search for Octupole Deformed Actinium Isotopes using Resonance Ionization Spectroscopy E. Verstraelen 30 (15+5)	High-resolution laser spectroscopy of neutron-deficient indium isotopes C. Ricketts 67 (15+5)	Resonance ionization for spatially resolved actinide secondary neutral mass spectrometry H. Bosco 60 (15+5)
		muCool: A novel low-energy muon beam for future precision experiments I. Belosevic 124 (15+5)	First g-Factor Measurement of Boronlike <sup>20</sup> Ar <sup>23+</sup> at the ALPHATRAP Experiment B. Tu 41 (15+5)	GALS setup at JINR - production and study of heavy neutron rich nuclei S. Zemyanov 116 (15+5)	Isotope shifts in <sup>203,212</sup> Ne - Precision measurements and global analysis B. Ohayon 23 (15+5)	Analysis of actinides and fission products in spent nuclear fuel by resonance ionization mass spectrometry M. Savina 126 (15+5)
10:40		Coffee	Coffee	Coffee	Coffee	Coffee
11:10		Antimatter under the Microscope: High-Precision Comparisons of the Fundamental Properties of Antiprotons and Protons S. Ulmer 125 (25+5)	Precision Spectroscopy of Atomic Hydrogen and the Proton Radius Puzzle Th. Udem 88 (25+5)	Precision spectroscopy of "hot" molecules at CRIS-ISOLDE/CERN R. Garcia Ruiz 84 (25+5)	When conventional NMR is not enough: Applications of $\beta$ -NMR in chemistry, biology and medicine M. Stachura 130 (25+5)	Highly selective two-step laser ionization schemes for analysis of actinide mixtures N. Kneip 109 (15+5)
		Characterization and search for optical excitation of the nuclear clock isomer <sup>229m</sup> Th J. Thielking 96 (15+5)	Spectroscopy of the molecular ion HD <sup>+</sup> in the Lamb-Dicke regime: towards determination of fundamental constants at the 10 <sup>-10</sup> level S. Schiller 121 (15+5)	CP-violating electron electric dipole moment enhancement factors in the BaOH and YbOH molecules M. Denis 128 (15+5)	First online laser ionized Ac beam at ISOLDE K. Dockx 66 (15+5)	Spectroscopic analysis of radioactive strontium with low isotopic abundance using laser resonance ionization Y. Iwata 26 (15+5)
		Advances in the Search for the Electric Dipole Moment of Radium-225 P. Mueller 112 (15+5)	A New Experiment for the Measurement of the Magnetic Moments of <sup>3</sup> He <sup>+</sup> and <sup>3</sup> He <sup>+</sup> A. Mooser 13 (15+5)	Laser spectroscopy of BaF for an eEDM measurement V. Marshall 106 (15+5)	Laser resonance ionization of lanthanides, or can we reach 200% ionization efficiency? V. Gadelshin 117 (15+5)	Laser Cooling and Trapping of Cs Isotopes and Isomers: Progress and Perspectives L. Marmugi 1 (15+5)
		Search for CP violation in nuclear beta decays: the MORA project E. Lienard 48 (15+5)	Charge radii of neutron-deficient Ca isotopes K. Minamisono 19 (15+5)	RILIS Laser Ion Source Development for ISOL Systems at RISP S.J. Park 104 (15+5)	Laser polarization and beta-NMR setup at CERN-ISOLDE: Developments and applications J. Croese 101 (15+5)	Award Session
		Latest Results of the High-Precision Penning-Trap Mass Spectrometer PENTATRAP M. Door 72 (15+5)	Charge Radii of Boron Isotopes B. Maaß 20 (15+5)	Recent developments at the ISOLDE RILIS S. Wilkins 123 (15+5)	On-line resonant ionization laser ion source operation – quo vadis? J. Lassen 103 (15+5)	Concluding Talk K. Blaum
13:00	Registration	Lunch	Lunch	Lunch	Lunch	Lunch
14:30	Determination of Nuclear Ground State Properties by Laser Spectroscopy W. Nürtershäuser 86, Tutorial (35+10)	Recent studies for nuclear structure and astrophysics at JYFLTRAP A. Kankainen 15 (25+5)	Collinear laser spectroscopy at ISOLDE-CERN: COLLAPS's recent results and perspectives H. Heylen 11 (25+5)	Astatine - The rarest element on Earth: From laser spectroscopy to fundamental atomic properties S. Rothe 5 (25+5)	Collinear laser spectroscopy of Pd and Yb at the IGISOL facility S. Geldhof 108 (15+5)	Lab Tour
		Low Q-value measurements with the PI-ICR technique at JYFLTRAP A. De Roubin 120 (15+5)	The ground-state properties of <sup>44-46</sup> Sc isotopes measured by collinear laser spectroscopy S. Bai 52 (15+5)	High accuracy calculations of electron affinity of astatine G. Yangyang 129 (15+5)	Collinear Laser Spectroscopy meets Ion-Trap accuracy: Recent developments in the Ca <sup>+</sup> puzzle P. Ingram 49 (15+5)	
	Trapping and manipulation of atomic and molecular ions M. Drewsen 118, Tutorial (35+10)	Ground state and decay properties measured with the FRS Ion Catcher T. Dickel 79 (15+5)	Laser spectroscopy of tin across N=82 L. Rodriguez 55 (15+5)	Determination of the electron affinity of astatine D. Leimbach 90 (15+5)	Resonance Ionization Spectroscopy of Tungsten Using Laser Ablation and Hot Cavity Ion Sources to Determine the First Ionization Potential F. Weber (15+5)	
		Mass measurements of neutron-deficient lanthanides around the neutron shell closure N=82 M. Lykiardopoulou 78 (15+5)	High-resolution laser spectroscopy at the IGISOL: recent highlights and future goals R. De Groot 122 (15+5)	Coffee	MIRACLs: A Multi Ion Reflection Apparatus for Collinear Laser Spectroscopy S. Sels 62 (15+5)	
16:00	Coffee	Coffee	Coffee		Coffee	
16:30	Trapped ion quantum information processor M. Mukherjee 131, Tutorial (35+10)	Penning-Trap Mass Spectrometry of the Heaviest Elements beyond Z=100 with SHIPTRAP O. Kaleja 16 (15+5)	Laser spectroscopy on germanium isotopes at COLLAPS-CERN A. Kanellakopoulos 129 (15+5)	City Tour	The MARA low-energy branch P. Papadakis 9 (15+5)	
		Mass measurements of neutron-rich silver isotopes at JYFLTRAP with the PI-ICR technique D. Nesterenko 105 (15+5)	In-source laser photoionization spectroscopy of very neutron-deficient Bi isotopes: new example of nuclear shape staggering M. Seliverstov 37 (15+5)		A direct diode pumped continuous wave Ti:sapphire laser seeding a pulsed amplifier for high resolution Resonance Ionization Spectroscopy V. Sonnenschein 25 (15+5)	
	Study the Standard Model with Precision L. Willmann 100, Tutorial (35+10)	Binding energy studies at the extreme of the nuclear landscape with ISOLTRAP M. Mougeot 35 (15+5)	Status and perspectives of the S3 Low-Energy Branch at SPIRAL2-GANIL V. Manea 82 (15+5)		Development of frequency comb based laser absorption/ionization spectroscopy of radioactive isotopes H. Tomita 91 (15+5)	
		Quantum Mass Spectrometry: Using Optical Photons to Quantify Heavy Masses J. Berrocal 61 (15+5)	Direct frequency-comb-driven Raman transitions in the terahertz range M. Drewsen 119 (15+5)		Development of Radiocarbon Analysis System with Mid-Infrared Cavity Ring-down Spectroscopy for Biological and Environmental Tracer Applications R. Terabayashi 59 (15+5)	
		Development of quartz resonators for FT-ICR mass spectrometry on single super heavy ions S. Lohse 34 (15+5)	Quantum computing with trapped ions as a technology backbone for precision measurement in fundamental science F. Schmidt-Kaler 132 (25+5)			
19:00	Welcome reception	Poster-Session	IAC Dinner	Social Get Together	Conference Dinner	