

ARIS2014 Program of Plenary Sessions

(as of June 1)

day	time	speaker	title
Monday, June 2	9:50 - 10:20		Welcome
	10:20 - 11:00	Robert V.F. Janssens (ANL)	Keynote
	11:20 - 11:45	Meng Wang (IMP Lanzhou)	The Atomic Mass Evaluation- Present and Future
	11:45 - 12:10	Mark Huyse (KU Leuven)	Producing Radioactive Ion Beams through the ISOL Method: Advances, Challenges and Opportunities
	12:10 - 12:35	Alexandra Gade (MSU / NSCL)	In-Beam Gamma-Ray Spectroscopy with GRETINA at NSCL
	12:35 - 13:00	Yoshiko Kanada-En'yo (Kyoto Univ.)	Cluster Phenomena in Stable and Unstable Nuclei
Tuesday, June 3	9:20 - 9:45		
	9:45 - 10:10	Achim Schwenk (TU Darmstadt)	Three-Nucleon Forces: From Neutron-Rich Nuclei to Matter in Astrophysics
	10:10 - 10:35	Nathal Severijns (KU Leuven)	The Weak Interaction in Nuclear Beta Decay
	10:35 - 11:00	Remco Zegers (MSU / NSCL)	Charge-Exchange Reactions and Weak Reaction Rates for Astrophysics
	11:20 - 11:45	Magdalena Kowalska (CERN)	Beta-NMR: from Nuclear Physics to Biology
	11:45 - 12:10	Paul Schaffer (TRIUMF)	Accelerating the Future of Medical Isotope Production
	12:10 - 12:35	Hiroyuki Oigawa (JAEA)	Transmutation of Long-Lived Nuclear Wastes
	12:35 - 13:00	Ulf-G. Meissner (Univ. Bonn)	Structure of Nuclei from Lattice Simulations
	14:30 - 14:55	Yosuke Kondo (Tokyo Tech.)	Invariant-Mass Spectroscopy of Extremely Neutron-Rich Nuclei with SAMURAI at RIBF
	14:55 - 15:20	Olivier Sorlin (GANIL)	Shell Evolutions towards Drip Lines
	15:20 - 15:45	Yutaka Utsuno (JAEA)	Recent Advances in Shell Evolution with Shell-Model Calculations
	15:45 - 16:10	Jacek Dobaczewski (Univ. of Warsaw / Jyväskylä)	Novel Energy Density Functionals for Low-Energy Nuclear Phenomena
	16:40 - 17:05	Guy Savard (ANL)	The CARIBU Facility
	17:05 - 17:30	Susanne Kreim (CERN)	Answering Questions of Nuclear and Astrophysics with Mass Measurements from ISOLTRAP
17:30 - 17:55	Ari Jokinen (Univ. of Jyväskylä)	Penning-Trap Based Mass and Decay Spectroscopy of Exotic Nuclei	
17:55 - 18:20	Hideki Ueno (RIKEN)	Nuclear Moments and Structure of Unstable Nuclei	
	9:20 - 9:45	Shunji Nishimura (RIKEN)	Decay Properties of Exotic Nuclei and their Impacts to the r-Process Nucleosynthesis
	9:45 - 10:10	Rebecca Surman (Union Coll.)	Sensitivity Studies for r-Process Nucleosynthesis

Wednesday, June 4	10:10 - 10:35	Hidetoshi Yamaguchi (CNS, Univ. of Tokyo)	Studies on Nuclear Astrophysics and Exotic Structure at the Low-Energy RI beam Facility CRIB
	10:35 - 11:00	Jordi Jose (UP / IEE Catalunya)	Explosive Events in the Universe and H-burning
	11:20 - 11:45	Alessia Di Pietro (LNS Catania)	Reaction Dynamics of Light Nuclei around the Coulomb Barrier
	11:45 - 12:10	Kazuyuki Ogata (RCNP, Usaka Univ.)	Dynamical Studies of the Formation and Decay of Particle-Unbound States
	12:10 - 12:35	Alexandre Obertelli (CEA Saclay / RIKEN)	<i>EPJ A sponsored lecture</i> : Physics Program with MINOS at RIBF
	12:35 - 13:00	Conference Photo	
Thursday, June 5	9:20 - 9:45	Nori Aoi (RCNP, Osaka Univ.)	SUNFLOWER — In-beam Gamma-ray Spectroscopy with Fast Exotic Beams at RIBF
	9:45 - 10:10	Daniele Mengoni (INFN Padova)	The AGATA Physics Campaign at the Legnaro National Laboratories
	10:10 - 10:35	Atsuko Odahara (Osaka Univ.)	Isomer Studies with RI-beam Induced Fusion Reactions and In-Flight Fission Reactions
	10:35 - 11:00	Peter Butler (Liverpool Univ.)	Studies of the Shapes of Heavy Nuclei at ISOLDE
	11:20 - 11:45	Roman Gernhäuser (TU Munich)	Nuclear Structure of the Doubly Magic ^{100}Sn and its Neighbors
	11:45 - 12:10	David Lunney (CSNSM Orsay)	Advances in Radioactive Isotope Science from Mass Measurements
	12:10 - 12:35	Yuhu Zhang (IMP Lanzhou)	Precision Mass Measurement of Short-Lived Nuclides at Storage Ring in Lanzhou
	12:35 - 13:00	Masanori Wakasugi (RIKEN)	The Rare-RI Ring Facility at RIKEN RIBF
	14:30 - 14:55	Noritaka Shimizu (CNS, Univ. of Tokyo)	Frontier of Nuclear Shell-Model Calculations and High Performance Computing
	14:55 - 15:20	Witold Nazarewicz (Univ. of Tennessee / ORNL)	Nuclear Open Quantum Systems and High Performance Computing
	15:20 - 15:45	Sofia Quaglioni (LLNL)	Toward a Fundamental Understanding of Nuclear Reactions and Exotic Nuclei
	15:45 - 16:10	Angela Bonaccorso (INFN Pisa)	Reaction Dynamics for Light Dripline Nuclei
	16:40 - 17:05	Kosuke Morita (Kyushu Univ. / RIKEN)	Research of Superheavy Elements at RIKEN — Present Status and Perspectives —
	17:05 - 17:30	Yuri Oganessian (JINR)	At the End of the Nuclear Map
17:30 - 17:55	Héloïse Goutte (CEA Saclay)	Overview on Recent Fission Studies and Related Topics	
17:55 - 18:20	Dirk Rudolph (Lund Univ.)	Superheavy Element Studies with TASCA at GSI: Spectroscopy of Element 115 Decay Chains	
Friday, June 6	9:20 - 9:45	Thomas Aumann (TU Darmstadt / GSI)	Spectroscopy Beyond the Drip Lines using Large-Acceptance Spectrometers
	9:45 - 10:10	Naoki Fukuda (RIKEN)	Performance of the Fragment Separator BigRIPS and Perspectives on In-flight RI Beam Production
	10:10 - 10:35	Hervé Savajols (GANIL)	Physics Opportunities with the Super Separator Spectrometer at SPIRAL2
	10:35 - 11:00	Christoph Scheidenberger (GSI)	Next-Generation Facilities and Instruments for Research with Exotic Nuclei

L	16:45 - 16:55	<i>Poster Awards</i>
	16:55 - 17:25	Angela Bracco (INFN Milano) <i>Concluding Remarks</i>