

Monday, 3 June 2013

14:30 - 16:15

**PARALLEL
PROGRAMME**

NS = Nuclear Structure
NA = Nuclear Astrophysics
HD = Hot and Dense nuclear matter
SY = fundamental interactions & SYmmetries
AP = nuclear physics based APplications
NF = New Facilities & instrumentation

NR = Nuclear Reactions
HS = Hadron Structure
HN = Hadrons in Nuclei
NN = Neutrinos in Nuclei

(status as of 31 May 2013)

Session-A1 NS Chair: Karsten Riisager	Session-B1 NS Chair: Richard Casten	Session-C1 NS Chair: Francesca Soramel
Michael Thoennessen - Nuclear structure experiments beyond the neutron dripline	Shunji Nishimura - Decay spectroscopy of exotic nuclei at RIBF	Yutaka Utsuno - Recent shell-model results for exotic nuclei
Yan Lin Ye - A new experimental study of the ^{12}Be cluster structure	Lars Ghys - Beta-delayed fission of neutron-deficient Fr and At isotopes	Christian Bernards (→ Volker Werner) - Investigation of 0^+ states in Mercury isotopes after two-neutron pickup
Prakash C. Rout - Preliminary results of a more accurate measurement of the radiative 4^+ to 2^+ transition in ^8Be	Elisa Rapisarda - The observation of a strong $E0$ component in the $2^+ \rightarrow 2^+$ transition in ^{184}Hg from the β -decay of laser-ionized thallium isotopes	Volker Werner - Centrifugal stretching of ^{170}Hf in the Interacting Boson Model
Takashi Nakamura - Kinematically complete measurements of Coulomb breakup of Borromean halo nuclei at the SAMURAI facility at RIBF	Marion MacCormick - Survey and Evaluation of Isobaric Analogue States	Luis M. Robledo - Octupole correlations from a theoretical perspective
Wim Cosyn - Mass dependence of short-range correlations in nuclei and the EMC effect	Sonja Orrigo - Beta decay of exotic $T_z = -1, -2$ nuclei: the interesting case of ^{56}Zn	Sujit Tandel - Evolution of octupole collectivity in ^{221}Th
Barbara Melon - Agata modules as Compton polarimeter for the measurement of γ -ray linear polarization	Zhengyu Xu - Beta-decay studies of neutron-rich nuclei in the vicinity of ^{78}Ni	Magne Guttormsen - Scissors strength in the quasi-continuum of actinides

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Session-D1 NR Chair: Krzysztof Rusek	Session-E1 NA Chair: Adriana Nannini	Session-F1 HS Chair: Wolfram Weise
Suzana Szilner - Probing nucleon-nucleon correlations via heavy ion transfer reactions	Hans Fynbo - Broad resonances in light nuclei studied with β - and γ -spectroscopy	David Lawrence - Exotic hybrid meson spectroscopy with the GlueX detector at JLab
Daniele Montanari - Transfer probability measurements in the superfluid $^{116}\text{Sn}+^{60}\text{Ni}$ system	Martin Alcorta (\rightarrow Hans Fynbo) - β -decay measurements of ^{12}B using Gammasphere	Jakub Wagner - On timelike and spacelike deeply virtual Compton scattering at next to leading order
David J. Hinde - Mass-angle distrib.: providing extensive insights into the dynamics and time scales of reactions forming heavy elements	Marisa Gulino - Virtual Neutron Method applied to the study of $^{17}\text{O}(n, \alpha)^{14}\text{C}$ reaction	Dmitri Nikolenko - Two-photon exchange contribution in elastic electron-proton scattering at the VEPP-3 storage ring
Vijay Raj Sharma - Incomplete fusion reactions at low energies in $^{13}\text{C}+^{169}\text{Tm}$ system	Debora Peres Menezes - Protoquark stars: stability windows and magnetic field effects	Michael Kohl - Probing two-photon exchange with OLYMPUS
Cheng Jian Lin -Sub-barrier fusion and neutron transfer with positive Q-value	Mariano Carmona Gallardo - Study of the $^4\text{He}(^3\text{He},g)^7\text{Be}$ astrophysical reaction using activation and direct recoils detection methods	Cristiano Fanelli - Study of the proton structure by measurements of polarization transfers in Wide Angle Real Compton scattering at JLab
Alberto Stefanini - Oscillations in the fusion excitation function of $^{28}\text{Si} + ^{28}\text{Si}$ above the barrier	Shuya Ota - The $^6\text{Li}(^{22}\text{Ne}, ^{26}\text{Mg})d$ α -transfer experiment for the study of low energy resonances in $^{22}\text{Ne}(\alpha, \gamma)^{26}\text{Mg}$	Stephen Pate - Strangeness vector and axial-vector form factors of the nucleon

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Pelin Kurt - Jet quenching with ATLAS and CMS	Rimantas Lazauskas - Parity and time-reversal violation in A=2-4 nuclei	Victor Zamfir - Extreme Light Infrastructure - Nuclear Physics (ELI-NP) european research center
Friederike Bock - Neutral meson and direct photon production in high-energy pp and PbPb collisions at the LHC with ALICE	Gerald Gwinner - Towards atomic parity violation experiments with laser trapped Francium isotopes	Hervé Savajols - Status of the SPIRAL2 facility
Guenter Roland - Overview of Heavy Ion Results from CMS at the LHC	Greg Smith - Early results from the Qweak experiment	David Verney - ALTO, the electron-driven ISOL facility in Orsay: status and perspectives
Takao Sakaguchi - Profiling hot and dense nuclear medium with high transverse momentum hadrons produced in d+Au and Au+Au collisions by the PHENIX	Vladimir Gudkov - Search for time-reversal invariance violation in nuclei	Young Jin Kim - Facility for heavy ion collision experiments at RAON
Angela Badalà - Strange hadrons and resonances at LHC energies with the ALICE detector	Jiro Murata - T-Violation experiment at TRIUMF-ISAC using polarized ⁸ Li	Christian Weidemann - Polarization of a stored beam by spin-filtering
Olena Linnyk - Parton-hadron matter in- and out-of equilibrium		

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Session-A2 NS Chair: Reiner Krücken	Session-B2 NS Chair: Silvia Leoni	Session-C2 NS Chair: Sven Åberg
Thorsten Kroell - Coulomb excitation of exotic nuclei at REX-ISOLDE with MINIBALL	Gaute Hagen - Advances in coupled-cluster computations of medium mass and neutron rich nuclei	Winfried Leidemann - Do light nuclei exhibit "collective" motions?
Jens Dilling - Precision mass measurements of short-lived nuclei for nuclear structure studies	Masafumi Matsushita - In-beam gamma-ray spectroscopy of 38,40,42Si	Ushasi Datta Pramanik - Study of Ground-state configuration of neutron-rich Aluminium isotopes through Coulomb breakup
Susanne Kreim - Establishing the neutron magic number $N = 32$ with mass measurements of 53,54Ca using ISOLTRAP's MR-TOF MS	Steven W. Yates - Level Lifetimes in 94Zr from DSAM Measurements following Inelastic Neutron Scattering	Alfredo Poves - The three shapes of 32Mg
David Steppenbeck - Investigating the strength of the $N = 34$ subshell closure in 54Ca	Norbert Pietralla - On the Road to FAIR: First Operation of AGATA in PreSPEC at GSI	Karsten Riisager - Beta decay to continuum states
Silvia M. Lenzi - Nuclear Structure of neutron-rich nuclei around $N=40$	Gilles De France - Spectroscopy of neutron rich nuclei using cold neutron induced fission of actinide targets at the ILL : the EXILL campaign	Takashi Abe - Monte Carlo shell model towards ab initio nuclear structure
Jacek Dobaczewski - Effective theory for low-energy nuclear energy density functionals	Maya Takechi - Search for a halo nucleus in Mg isotope through the meas. of reaction cross sections towards the vicinity of neutron-drip line	Yusuke Tsunoda - Study of nuclei around $Z=28$ by large-scale shell model calculations

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Session-D2 NR Chair: Anthony A. Cowley	Session-E2 NA Chair: Giacomo De Angelis	Session-F2 HS Chair: Egle Tomasi
Katrin Wimmer - Recent results on intermediate energy two-proton removal reactions	Javier Praena - Current quests in nucleosynthesis: present and future neutron induced reaction measurements	Francois-Xavier Girod - Nucleon structure through Generalized Parton Distributions
Felix Wamers - The Structure of the proton-dripline nucleus ^{17}Ne studied in knockout reactions at relativistic beam energies	Alessandra Guglielmetti - Studying stars by going underground: The LUNA experiment at Gran Sasso Laboratory	Frank Rathmann - Search for permanent Electric Dipole Moments
Shinji Suzuki - Measurements of interaction cross sections for 22-35Na isotopes	Giuseppe Pagliara - Formation of quark matter in protoneutron stars: the burning process and the neutrino emission.	Michael Barabanov - Search for higher lying charmonium and exotics in experiments using high quality anti-p beam with momentum up to 15 GeV/c
Nobuyuki Kobayashi - Inclusive breakup measurement of $N = 20-28$ nuclei near neutron drip-line	Hong Shen - Relativistic EOS for supernova simulations	Claude Marchand - Longitudinal and transverse spin structure of the nucleon at COMPASS
Rituparna Kanungo - Exotic structure of $^{15,17}\text{B}$ probed through charge changing cross section	Yi Hua Lam - Electron Capture and Beta-Decay Rates for the Collapse of O+Ne+Mg Cores	Catarina Quintans - Polarized Drell-Yan studies at COMPASS
Simone Bottoni - Reaction dynamics and gamma spectroscopy of neutron-rich Ne isotopes by heavy-ion reactions		

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Ralf Averbeck - Open heavy-flavor measurements at high-energy hadron colliders	Hartmut Abele - High precision experiments with cold and ultra-cold neutrons	Georg Bollen (→Michael Thoennesen) - The Facility for Rare Isotope Beams
Roberta Araldi - Quarkonium production in heavy-ion collisions	Jochen Krempel - First data from the measurement of the electric dipole moment of the neutron at PSI	Lia Meringa - ARIEL: TRIUMF's Advanced Rare IsotopE Laboratory
Bedangadas Mohanty - Exploring the QCD phase diagram through relativistic heavy-ion collisions	Maria Katarzyna Zurek - Investigations of the charge symmetry breaking reaction $dd \rightarrow \alpha \pi^0$ with WASA-at-COSY experiment	Lawrence S. Cardman - The 12 GeV Upgrade of CEBAF - a status report on its realization and its evolving physics program
Andrea Beraudo - Heavy flavour spectra in nucleus-nucleus collisions within a Langevin approach	Hans Wilschut (→ Auke Sytema) - Testing Lorentz Invariance in beta decay	Yuri Tsyganov - A new real-time detection system for heavy element research
Pengfei Zhuang - Quarkonium Production and Quark-Gluon Plasma	Alex Laffoley - High-precision half-life and branching ratio measurements for superallowed Fermi beta emitters at TRIUMF-ISAC	Krzysztof Pysz - Tracking with Straw Tubes in the PANDA experiment
	Luca Doria - Precision Measurement of the $\pi^+ \rightarrow e^+ \nu$ Decay	

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Session-A3 NS Chair: Norbert Pietralla	Session-B3 NS Chair: Mark Huyse	Session-C3 NS Chair: Piet Van Duppen
Deniz Savran - Experimental results on the Pigmy Dipole Resonance	Zsolt Podoliak - Isomers in heavy nuclei: structure and projectile fragmentation studies	Atsushi Tamii - Neutron skin thickness of 208Pb and constraints on symmetry energy
Nadia Tsoneva - New Modes of Nuclear Excitations for Astrophysics	George D. Dracoulis - Deep inelastic reactions and isomers in neutron-rich nuclei across the perimeter of the A = 180-190 deformed region	Markus Kortelainen - Neutron skin thickness in the Skyrme EDF models
Irina Egorova - Theoretical studies of isovector soft dipole mode	Andrea Jungclaus - Isomer and beta decay spectroscopy in the 132Sn region with EURICA	Andreas Heusler - Complete Spectroscopy of negative parity states in 208Pb with Ex <6012 keV
Dominic Rossi - Low-lying dipole strength in exotic Ni isotopes	Toshiyuki Kubo - Overview of the Search for New Isotopes and New Isomers at RIKEN RI Beam Factory	Peter von Neumann-Cosel - Complete E1 and spin-M1 response in nuclei from polarized proton scattering at zero deg.
Michal Ciemala - Giant Dipole Resonance decay of hot rotating 88Mo	Barbara Sulignano - Investigation of high K states in No-252 and the new focal plane detector for S3	Xavier Roca-Maza - The nuclear symmetry energy: constraints from giant resonances and parity violating electron scattering
Bruce R. Barrett - The No Core Gamow Shell Model for ab-initio nuclear structure calculations	Filip Kondev - Search for multi-quasiparticle isomers in 254Rf	Chun Lin Bai - Effects of the Skyrme tensor force on the spin-isospin excitations

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Session-D3 Chair: Angela Bonaccorso	NR	Session-E3 Chair: Zsolt Fülöp	NA	Session-F3 Chair: Valeria Muccifora	HS
Tzany Kokalova - Who plays in the Hoyle band?		Gyorgy Gyürky - Charged particle capture and elastic scattering experiments relevant to the astrophysical p-process		Hrayr Matevosyan - Monte Carlo approach to fragmentation functions using the NJL-jet model	
Olga V. Fotina - Pre-equilibrium α -particle emission as a probe to study α -clustering in nuclei		Michele Viviani - Proton-proton weak capture in chiral effective field theory		Bogdan Marianski - Spin Density Matrix Elements in Exclusive production of omega and phi mesons at Hermes	
Tapan Kumar Rana - Search for rotational state of Hoyle state in complete kinematic experiment $^{12}\text{C}(\alpha,\alpha)^{3}\alpha$		Antonio Cacioli (\rightarrow Roberto Menegazzo) - Astrophysical S factor for the $^{17}\text{O}(p,\gamma)^{18}\text{F}$ reaction at Novae energy		Pibero Djawotho - Gluon polarization and jet production at STAR	
Vittorio Somà - Nucleon mean-free path in the medium		Rosanna Depalo - Measurement of the $^{25}\text{Mg}(\alpha,n)^{28}\text{Si}$ reaction cross section at LNL		Susanna Costanza - First measurement of the helicity dependence of ^3He photo-reactions in the $\Delta(1232)$ resonance region	
Marina Barbui - Exploring the alpha cluster structure of nuclei using the thick target inverse kinematics technique for multiple alpha decays		Cristian Massimi - The nucleosynthesis of heavy elements in Stars: the key isotope ^{25}Mg		Tim Ledwig - Nucleon mass and pion-nucleon sigma-term in the covariant baryon chiral perturbation theory	
Marco Cinausero - ^8B production in the reaction $^6\text{Li}(^3\text{H},n)^8\text{B}$ via neutron angular distribution measurement		Anthea Francesca Fantina - Stellar electron-capture rates on nuclei based on Skyrme functional		Marco Mirazita - Studies of the transverse structure of the nucleon at Jefferson Laboratory.	

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Session-G3 HD Chair: Renato A. Ricci	Session-H3 SY Chair: Jean-Michel Poutissou	Session-I3 NF Chair: Santo Lunardi
Roy Lacey - Review on flow and correlations	Makoto C. Fujiwara - Fundamental symmetry tests with the ALPHA antihydrogen trap	Guy Savard - Studies of neutron-rich isotopes at the CARIBU facility
Navneet K. Pruthi - Measurement of energy and centrality dependence of triangular flow and higher harmonics by STAR in Au+Au collisions	Stephan Ettenauer - Anti-proton and Anti-hydrogen Studies at ATRAP	Guo Qing Xiao - The Status of RIB Facilities at IMP and Future-Project HIAF
Jens Jørgen Gaardhøje - Pseudorapidity density and anisotropic flow of charged particles over a wide pseudorapidity range in Pb+Pb collisions with the ALICE detector	Thimoty Chupp - Prospects for electric-dipole-moment measurements in Radon	Christian Kuhn - Perspectives and upgrade of ALICE at the LHC
Vincenzo Greco - Anisotropic collective flows in a kinetic transport theory at fixed $\eta/s(T)$	Claude Charles Petitjean - Final results of mu-p capture rate Λ_S and pseudoscalar coupling g_P	Jean-Philippe Lansberg - AFTER@LHC: A Fixed-Target Experiment at the LHC
Monika Sharma - Correlations and flow measurements in PbPb and pPb collisions with CMS	Anna Soter - Determination of the antiproton-to-electron mass ratio by two-photon laser spectroscopy of antiprotonic Helium atoms	Néstor Armesto - Small-x physics in eA Collisions at the LHeC: understanding the initial state of ultra-relativistic heavy ion collisions
Reinhard Stock - Hadron formation in relativistic nuclear collisions and the QCD phase diagram	Chloé Malbrunot - Measurement of the hyperfine structure of antihydrogen	

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Session-A4 NS Chair: Pier Giorgio Bizzeti	Session-B4 NS Chair: Dario Vretenar	Session-C4 NR Chair: Marie-France Rivet
Iain Moore - Laser spectroscopy - optical probes for radioactive nuclei	Nils Paar - Probing the neutron skin thickness in collective modes of excitation	Kris Hagel - In-medium effects and low density nuclear matter
Sophie Peru - Microscopic mean field approximation and beyond with the Gogny force	Francesco Recchia - Single-particle strength in the odd, neutron-rich Ni isotopes	Olivier Lopez - Nuclear stopping for heavy ions induced reactions in the Fermi energy range: from 1-body to 2-body dissipation
John F. Sharpey-Schafer - High resolution $^{148}\text{Nd}(^3\text{He}, n\gamma)$ two proton stripping reaction and the structure of the 0_2^+ state in ^{150}Sm	Hao Zhao Liang - Nuclear charge-exchange excitations in localized covariant density functional theory	Joseph Cugnon - The Liege Intranuclear Cascade model. Towards a unified description of nuclear reactions induced by nucleons and light ions from MeV to GeV
Paolo Finelli - Nuclear pairing from realistic forces: singlet channels and higher partial waves	Paul Garrett - The evolving structure of the cadmium isotopes	Wolfram von Oertzen - Dynamics of the collinear ternary fission decay
Sarmishtha Bhattacharyya - Lifetime measurement and decay spectroscopy of ^{132}I	Victor Modamio - Collectivity in neutron-rich Co and Mn isotopes going towards $N=40$	Hermann Wolter - Symmetry Energy dependence of light fragment production in heavy ion collisions
Peng Wei Zhao - Nuclear magnetic and antimagnetic rotation in covariant density functional	Vaia Prassa - Microscopic approach to the structure of superheavy nuclei	Francesco Raimondi - Ab initio many-body calculations of d-nucleus collision and (d, p) transfer reaction

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Session-D4 NR Chair: Juris Peteris Svenne	Session-E4 NA Chair: Claudio Spitaleri	Session-F4 HS - HN Chair: Jochen Wambach
Calem Hoffman - Results from single-neutron adding reactions on light neutron-rich nuclei with HELIOS	Anuj Parikh - Improving predictions from nova models through nuclear physics measurements	Masahiko Iwasaki - RIKEN's activity at J-PARC Hadron Hall
Jytte Elseviers - Probing the semi-magicity of ^{68}Ni via the $^3\text{H}(^{66}\text{Ni},^{68}\text{Ni})^1\text{H}$ and $^2\text{H}(^{66}\text{Ni},^{67}\text{Ni})^1\text{H}$ transfer reactions in inverse kinematics	Toshio Suzuki - New neutrino-nucleus reaction cross sections at solar, reactor and supernova neutrino energies	Yu-Gang Ma - Detecting the anti-helium 4 and anti-hypertriton from the RHIC
Natalia Timofeyuk - Non-locality in the adiabatic model of (d,p) reactions	Konrad Schmidt - Precise study of the supernova reaction $^{40}\text{Ca}(\alpha,\gamma)^{44}\text{Ti}$ by activation and in-beam gamma-spectroscopy	Catalina Curceanu - Unveiling the strangeness secrets: low-energy kaon-nucleon/nuclei interaction studies at DAΦNE
Mirko von Schmid - First EXL experiment with radioactive beam: Proton scattering on ^{56}Ni	Weiping Liu - New determination of the $^{13}\text{C}(\alpha, n)^{16}\text{O}$ reaction rate and its influence on the s-process nucleosynthesis in AGB stars	Li Caldeira Balkeståhl - Dalitz plot analysis for $\eta \rightarrow \pi^+ \pi^- \pi^0$ at KLOE
Giuseppe Cardella - Light exotic nuclei transfer reactions with CHIMERA detector at LNS	Marco La Cognata - Measurement of the -3 keV resonance in the $^{13}\text{C}(\alpha, n)^{16}\text{O}$ reaction and its influence on the synthesis of $A > 90$ nuclei	Franco Garibaldi - High resolution hypernuclear spectroscopy at Llab Hall A. Results and perspectives
Kimiko Sekiguchi - Complete set of deuteron analyzing powers for dp elastic scattering at intermediate energies and three-nucleon forces		

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Session-G4 HD Chair: Joachim Stroth	Session-H4 AP Chair: Laszlo Sajo-Bohus	Session-I4 NN Chair: Giovanni Fiorentini
Wojciech Florkowski - Anysotropic hydrodynamics	Takaharu Otsuka - Fukushima nuclear power plant accident and nuclear physicists	Vandana Nanal - Search for neutrinoless double beta decay in ^{124}Sn
Marcus Bleicher - Recent results on Transport models	Peter Mueller - Applications of atom trap trace analysis in the earth sciences	Joshua Albert - Status and Results from the EXO Collaboration
Laszlo Csernai - Review of recent results in heavy ion fluid dynamics	Mara Bruzzi - Proton Computed Tomography system: recent results and upgrade status	Alessandro Bravar - The MINERvA Neutrino Experiment at Fermilab
Ilija Ravinovich - Di-electron measurements with Hadron Blind Detector in the PHENIX experiment at RHIC	Monika Kinga Stachura - Nuclear techniques for studying soft matter at ISOLDE/CERN	Sahori Umehara - CANDLES - Search for neutrino-less double beta decay of ^{48}Ca
Eugenio Megias - Anomalous transport: Kubo formulae and fluid/gravity correspondence	Silvia Nava - Nuclear-related techniques at LABEC for the analysis of atmospheric aerosols	Tomas Rodriguez - Properties of neutrinoless double β -decay nuclear matrix elements studied along isotopic chains

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Session-A5 NS Chair: Rauno Julin	Session-B5 NS Chair: Faical Azaiez	Session-C5 NR Chair: Nicolas Alamanos
Waely Lopez-Martens - Exploring the stability of Superheavy elements	Christofh Scheidenberger - Nuclear structure and reaction studies with exotic nuclei at FRS-ESR	Riccardo Raabe - Reactions with exotic nuclei and active targets
Nikolai Antonenko - Impact of nuclear structure on production and identification of superheavy nuclei	Riccardo Orlandi - Neutron single-particle energies near ^{78}Ni : low-lying states in ^{79}Zn studied via single-nucleon transfer	Kelly C. Pires - Study of reactions induced by ^6He
Fritz P. Heßberger - Nuclear structure of the heaviest elements investigated at SHIP-GSI	Paul Stevenson - The Continuum time-dependent Hartree-Fock method for giant resonances	Manuela Cavallaro - Evidence of correlated $2n$ transfer in the $^{12}\text{C}(^{18}\text{O},^{16}\text{O})^{14}\text{C}$ reaction
Alexey Voinov - Study of the properties of the superheavy nuclei $Z = 117$ produced in the $^{249}\text{Bk} + ^{48}\text{Ca}$ reaction	Hooi Jin Ong - Evidence of tensor interactions in ^{16}O observed via (p,d) reaction	Alessia Di Pietro - Elastic and break-up of the $1n$ -halo ^{11}Be nucleus.
Christof E. Düllmann - Superheavy Elements studied with TASCA at GSI	Tommaso Marchi - Probing core polarization around ^{78}Ni : intermediate energy Coulomb excitation of ^{74}Ni	Olof Tengblad - Scattering of light halo nuclei on heavy target at energies around the Coulomb barrier
Ulrika Forsberg - Spectroscopy of element 115 decay chains	Simone Ceruti - Isospin mixing at finite temperature in ^{80}Zr	Marco Mazzocco - Transfer vs. breakup in the interaction of the ^7Be radioactive ion beam on a ^{58}Ni target at Coulomb barrier energies

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Session-D5 NR Chair: Thomas Nilsson	Session-E5 NA Chair: Achim Schwenk	Session-F5 HN Chair: Hong Shen
Christian Forssen - Ab initio approach to the structure and reactions of light nuclei	Rebecca Surman - Nuclear data and rapid neutron capture nucleosynthesis	Ken Suzuki - Formation of strange dibaryon X(2265) in $p+p \rightarrow K^+ + X$ reaction at $T_p=2.5$ and 2.85 GeV
Henryk Witala - Three-nucleon reactions with chiral dynamics	Caterina Michelagnoli - The lifetime of the 6.79 MeV state in ^{15}O as a challenge for nuclear astrophysics and γ ray spectroscopy: a new ^{15}O measurement	Wojciech Krzemien - Search for the eta-mesic ^4He with WASA-at-COSY detector
Marlène Assié - Study of pairing in light nuclei and clusterization through nuclear break-up.	Christoph Langer - Measurement of astrophysically important excitation energies of ^{58}Zn with GRETINA	Manuel Lorenz - First measurement of low momentum dielectrons radiated off cold nuclear matter.
Mohammad Ali Najafi - Quasi-free proton and neutron knock-out from Oxygen-20	Hidetoshi Yamaguchi - Studies on alpha-induced astrophysical reactions using the low-energy RI beam separator CRIB	Ang Li - Shape evolution of Ne isotopes and Ne hypernuclei: The interplay of pairing and tensor interactions
Leonid Grigorenko - Advances and prospects in the theoretical studies of few-body decays	Miguel Madurga Flores - Beta-decay properties of fission fragments in the r-process path	Tadashi Hashimoto - A search for the K^- pp bound state in the $^3\text{He}(\text{inflight-}K^-,n)$ reaction at J-PARC
Alan Wuosmaa - Evolution of Single-Particle Energies for $N=9$ at Large N/Z	Ann-Cecilie Larsen - Low-energy enhancement of nuclear gamma strength and its impact on astrophysical reaction rates	Jiri Mares - Calculations of K^- nuclear quasi-bound states using chiral K^-N amplitudes

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NR = Nuclear Reactions

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Session-G5 HD Chair: Xin-Nian Wang	Session-H5 AP Chair: Franco Lucrelli	Session-I5 NF Chair: Giacomo Poggi
Jerzy Pietraszko - In-medium hadron properties measured with HADES	Lucia Popescu - Nuclear-physics applications of MYRRHA	Giovanni Casini - The European FAZIA initiative: a high performance digital telescope array for heavy ion studies
Peter Steinberg - Recent heavy ion results from ATLAS experiment	Ulli Köster - New isotopes for medical application	I-Yang Lee - GRETINA results from physics campaign at NSCL
Leticia Cunqueiro - Measurement of inclusive and recoil jets in Pb-Pb collisions at $\sqrt{s_{NN}}=2.76$ TeV with ALICE at the LHC	Jeong-Yeon Lee - Measurement of ^{136}Ce , 156 and ^{168}Yb thermal neutron capture cross sections	Enrico Farnea (→ Daniele Mengoni) - The AGATA demonstrator at LNL
Christian Sturm - Exploring dense baryonic matter with the CBM experiment at FAIR	Ralf Kaiser - A prototype scintillating-fibre tracker for the cosmic-ray muon tomography of legacy nuclear waste containers	Jan Sarén - MARA recoil-mass separator at JYFL - status, instrumentation and performance modelling
Constantin Loizides - First results from proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV measured with ALICE	Yasuki Nagai - ^{99}Mo production via $^{100}\text{Mo}(n,2n)^{99}\text{Mo}$ using accelerator neutrons	Franco Camera - Characterization of large volume 3.5" x 8" LaBr ₃ : Ce detectors for the HECTOR+ array
Carsten Greiner - From microscopic interactions to the dynamics of the fireball		

Thursday, 6 June 2013

16:45 - 18:30

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Session-A6 NS Chair: Adam Maj	Session-B6 NS Chair: Claes Fahlander	Session-C6 NR Chair: Bao-An Li
Magda Kowalska - Mass measurements at ISOLDE	Meng Wang - Mass measurements of short-lived nuclei at HIRFL-CSR	Bill Lynch - Probing the EoS of neutron-rich matter
Giovanna Benzoni - Beta-decay spectroscopy towards the r-process path	Georges Audi (→ Meng Wang) - The 2012 Atomic Mass Evaluation and the Mass Tables	Enrico De Filippo - Probing the symmetry energy at low density using observables from neck fragmentation mechanism
Anatoly Barzakh - Shape coexistence and charge radii in thallium, gold and astatine isotopes studied by in-source laser spectroscopy at RILIS-ISOLDE	Matthew Reed - The onset of triaxiality in neutron-rich rhenium isotopes	Yoritaka Iwata - Fission dynamics of superheavy compound nuclei
Céline Van Beveren - Laser-assisted decay spectroscopy of neutron-deficient Tl isotopes at CERN ISOLDE.	Carlo Barbieri (→ Vittorio Somà) - Three-nucleon forces in exotic open-shell isotopes	Sherry Yennello - N/Z Dependence of the Nuclear Caloric Curve
Emmanuel Clement - Shape coexistence in neutron-rich Sr and Kr isotopes: prompt spectroscopy after Coulomb excitation at REX-ISOLDE	Wataru Horiuchi - Tensor correlations probed by electroweak responses	Fabio Crespi - Study of the gamma decay of high-lying states in ²⁰⁸ Pb via inelastic scattering of ¹⁷⁰ O ions
Nguyen Dinh Dang - Giant dipole resonance in highly excited nuclei	Achim Schwenk - Three-nucleon forces and neutron-rich matter	Paolo Russotto - The ASY-EOS experiment at GSI: investigating symmetry energy at supra-saturation densities

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Session-D6 Chair: Alinka Lepine-Szily	NR	Session-E6 Chair: Wooyoung Kim	HS	Session-F6 Chair: Ulrich Mosel	HN
Virgil Baran - Collective features of nuclear dynamics with exotic nuclei within microscopic transport models		Peter Schweitzer - Short-range correlations of partons, and 3D nucleon structure		William Detmold - Light nuclei and hyper-nuclei from lattice QCD	
Concetta Parascandolo - Investigation of the dynamical dipole mode in the $^{40,48}\text{Ca} + ^{152,144}\text{Sm}$ fusion-evaporation and fission reactions at 11 MeV/nucleon		Michel Guidal - Generalized Parton Distributions: a general unifying tool for exploring the internal structure of hadrons		Elena Botta - Neutron-rich Λ -hypernuclei study with the FINUDA experiment	
Alan M. Howard - Fusion studies of low-intensity radioactive beams using an active-target time projection chamber		Federica Sozzi - Transverse spin and transverse momentum structure of the nucleon from the COMPASS experiment		Hitoshi Sugimura - Study on $^6_{\Lambda}\text{H}$ hypernucleus by the (π^-, K^+) reaction at J-PARC	
Marco La Commara - Decay competition for IMF produced in the collisions $78\text{Kr}+40\text{Ca}$ and $86\text{Kr}+48\text{Ca}$ at 10A MeV		Issam Qattan - New extraction of the flavor decomposition of the nucleon electromagnetic form factors		Avraham Gal - Neutron-rich hypernuclei beyond $^6_{\Lambda}\text{H}$	
Katsuhisa Nishio - Study of heavy-ion induced fission for heavy-element synthesis		Vina Punjabi - The proton form factor ratio measurements at Jefferson Lab		Yoshiki K. Tanaka - Missing mass spectroscopy of η' mesic nuclei with (p,d) reaction at GSI	
Takayuki Yamaguchi - Charge changing interactions probe point-proton radii of nuclei				Takahiro Nishi - The first precision measurement of deeply bound pionic states in ^{121}Sn	

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Session-G6 NN Chair: Mauro Taiuti	Session-H6 AP Chair: Massimo Chiari	Session-I6 NF Chair: Fabiana Gramegna
Dieter Freckers - Measurement of 2ν -double-beta decay matrix elements: some surprises in nuclear physics	Drew Weisenberger - Bio-medical and plant biology imaging tools derived from Nuclear Physics detector development	Maria Borge - ISOLDE upgrade: HIE-ISOLDE
Juoni Suhonen - Rare weak decays and Nuclear Structure	Philippe Moretto - Nuclear microprobes in biomedicine and environment: technical developments and applications	Gianfranco Prete - The SPES project at the INFN- Laboratori Nazionali di Legnaro
Doron Gazit - Low-energy neutrino and other weak reactions in nuclei	Vincenzo Patera - Nuclear fragmentation measurements for hadron therapy	Guenther Rosner - Progress of the new international facility FAIR
Sergey Eliseev - Search for resonant double-electron capture	Regina Rescigno - Simulation toolkit with CMOS detector in the framework of hadrontherapy	Takeshi Furukawa - Laser spectroscopy of RI atoms stopped in superfluid helium
Kai Zuber - Status of the GERDA double beta decay experiment	Marzio De Napoli - Fragmentation cross sections at intermediate energies for hadrontherapy and space radiation protection	Peter Thirolf - Development of a Compton camera for online range monitoring of laser-accelerated proton-beams via prompt-gamma detection