

Thursday, September 7:

9:00 - 9:50 *Opening Session*

Chair: Prof. Gheoghe Cata Danil

10:00 – 10:50 **Prof. Nicolae V. Zamfir, Bucharest, Romania:** “*The International FAIR Project: Overview*”

11:10 – 12:00 **Prof. Mihai Petrovici, Bucharest, Romania:** “*The FAIR Research Program: Compressed Barionic Matter*”

12:10 – 12:35 **Dr. Adriana Raduta, Bucharest, Romania:** “*Determining the asymmetry term of the nuclear equation of state from heavy ion reactions*”

12:35 – 13:00 **Dr. Cristina Bordeanu, Bucharest, Romania:** “*Saltmine Accelerator Laboratory at Slanic Prahova – a priority for Nuclear Astrophysics*”

13:00 – 15:00 *Lunch break*

Chair: Prof. Nizametin Erduran

15:00 – 15:50 **Prof. Livius Trache, Texas A&M University:** “*Nuclear Physics for Astrophysics with Radioactive Nuclear Beams: Indirect Methods*”

16:10 – 16:30 **Dr. Monica Pantea, GSI, Darmstadt, Germany:** “*The I3 project EURONS*”

16:30 – 16:50 **Dr. Dimitris Petrellis:** “*Z(4) and X(3): two γ -rigid examples of critical point symmetries*”

Friday, September 8:

Chair: Prof. Dimiter Balabanski

9:00 – 9:50 **Prof. Sydney Gales, GANIL, France:** “*SPIRAL 2: A World Leading ISOL Facility at the Dawn of the Next Decade*” (part I)

10:00 – 10:50 **Prof. Sydney Gales, GANIL, France:** “*SPIRAL 2: A World Leading ISOL Facility at the Dawn of the Next Decade*” (part II)

11:10 – 12:00 **Prof. Reiner Krücken, Munchen, Germany:** “*Physics with Antiprotons and Exotic Nuclei at FAIR*” (part I)

12:10 – 13:00 **Prof. Reiner Krücken, Munchen, Germany:** “*Physics with Antiprotons and Exotic Nuclei at FAIR*” (part II)

13:00 – 15:00 *Lunch break*

Chair: Prof. Denis Bonatsos

15:00 – 15:50 **Prof. Georgios Lalazissis, Thessaloniki, Greece:** “*Properties of Exotic Nuclei within the Covariant Density Functional Theory*” (part I)

16:10 – 17:00 **Prof. Georgios Lalazissis, Thessaloniki, Greece:** “*Properties of Exotic Nuclei within the Covariant Density Functional Theory*” (part II)

17:10 – 18:00 **Lucia Ana Popescu, Groningen, Netherlands:** “*Studies with charge-exchange reactions in normal and inverse kinematics*”

Thomas Rodriguez, Madrid, Spain: “*Beyond the mean field study of the shell closures at $N=32$ and $N=34$ in neutron rich nuclei*”

Vinzenz Bildstein, Munchen, Germany: “*A New Setup Transfer Reactions at REX-ISOLDE*”

Saturday, September 9:

Chair: Prof. Piet Van Duppen

9:00 – 9:50 **Prof. Denis Bonatsos, Demokritos, Greece:** “*Phase/shape transitions and critical point symmetries in exotic nuclei*”

10:00 – 10:50 **Prof. Dimiter Balabanski, Sofia, Bulgaria:** “*Moment measurements in RISING campaign*”

11:10 – 12:00 **Prof. Noemi Koeller, Rutgers, USA:** “*The Measurement of Magnetic Moments of Nuclear Excited States: A Window into Nuclear Structure*”

12:10 – 13:00 **Prof. Aurel Sandulescu, Bucharest, Romania:** “*New Spectroscopy with Cold Fission Fragments*”

13:00 – 15:00 *Lunch break*

Sunday, September 10:

Social Events

Monday, September 11:

Chair: Prof. Muhsin Harakeh

- 9:00 – 9:50 **Prof. Reiner Krücken, Munchen, Germany:** *“Testing Single-Particle Properties in Exotic Nuclei” (part I)*
10:00 – 10:50 **Prof. Reiner Krücken, Munchen, Germany:** *“Testing Single-Particle Properties in Exotic Nuclei” (part II)*
11:10 – 12:00 **Prof. Piet Van Duppen, University of Leuven, Belgium:** *“Radioactive Ion Beams for Nuclear-Structure Studies”*
12:10 – 13:00 **Prof. Piet Van Duppen, University of Leuven, Belgium:** *“Nuclear-Structure Studies around 68Ni and 78Ni ”*
13:00 – 15:00 *Lunch break*

Chair: Prof. I-Yang Lee

- 15:00 – 15:50 **Banu Ozel, Darmstadt, Germany:** *“Systematics of the Low-lying E1 Strength in Stable Tin Isotopes from Resonant Photon Scatteri”*
Gabriela Ilie, Koeln, Germany: *“G-factor Measurements of Isomeric States near ^{132}Sn at RISING, GS”*
Nils Paar, Darmstadt, Germany: *“Proton electric pygmy dipole resonance”*
16:10 – 17:15 **Maierbeck Peter, Munchen, Germany:** *“Medium mass one nucleon knockout experiment at the FRS”*
Mikael Sandzelius, Stockholm, Sweden: *“Triaxiality of neutron-deficient isotope ^{169}Ir ”*
Mikhaylova Tatiana, Dubna, Russia: *“Description of dissipative reactions with transport models and application to experiment”*
Mihai Constantin, Bucharest, Romania: *“Search of E(5) nuclei in the Z,N=28-50 shell”*

Tuesday, September 12:

Chair: Prof. Reiner Krücken

- 9:00 – 9:50 **Prof. William Gelletly, Surrey, UK:** *“Beta Decay of Exotic Nuclei: On the Frontier”*
10:00 – 10:50 **Prof. William Gelletly, Surrey, UK:** *“NuSTAR on the Horizon: Evolution not Revolution”*
11:10 – 12:00 **Prof. Muhsin Harakeh, Groningen, The Netherlands:** *“Investigation of Isoscalar and Isovector Collective Modes of Astrophysical Interest” (Part I)*
12:10 – 13:00 **Prof. Muhsin Harakeh, Groningen, The Netherlands:** *“Investigation of Isoscalar and Isovector Collective Modes of Astrophysical Interest” (Part II)*
13:00 – 15:00 *Lunch break*

Chair: Prof. Paul Mantica

- 15:00 – 15:50 **Prof. Muhsin Harakeh, Groningen, The Netherlands:** *“Investigation of Isoscalar and Isovector Collective Modes of Astrophysical Interest” (Part III)*
16:10 – 17:00 **Prof. Sotirios Harissopoulos, Demokritos, Greece:** *“Global reaction models for p-process nucleo-synthesis”*
17:10 – 18:00 **Galya Deyanova, Sofia, Bulgaria:** *“High-spin states in ^{136}La ”*
Pavel Tashev, Sofia, Bulgaria: *“Angular-correlation measurements in ^{120}Te ”*
Sergey Bastrukov, Dubna, Russia: *“Elastodynamica approach to the continuum mechanics of nuclear matter”*

Wednesday, September 13:

Chair: Prof. William Gelletly

9:00 – 9:50 **Prof. I-Yang Lee, Berkley, USA:** *"Principle and Physics Opportunities of Gamma Ray Tracking Detector" (Part I)*

10:00 – 10:50 **Prof. I-Yang Lee, Berkley, USA:** *"Principle and Physics Opportunities of Gamma Ray Tracking Detector" (Part II)*

11:10 – 12:00 **Prof. Paul Mantica, MSU, USA:** *"Beta and Isomer Decay Studies of Fast Fragmentation Beams"*

12:10 – 13:00 **Prof. Paul Mantica, MSU, USA:** *"Nuclear Moment Measurements with Fast Fragmentation Beams"*

13:00 – 15:00 *Lunch break*

Chair: Prof. Dorel Bucurescu

15:00 – 15:25 **Dr. Florin Negoita, Bucharest, Romania:** *"Romanian contribution in EURISOL"*

15:25 – 15:50 **Dr. Mihai Stanoiu, GSI, Germany:** *"The history of the 2p decay mode"*

16:10 – 17:00 **Eda Sahin, Padova, Italy:** *"Exploring the changing of shell structure of nuclei at N=50"*

Miguel Costa Lopez, Lisboa, Portugal: *"Deformed Proton Emitters within non-adiabatic approach"*

Ayben Karasu, Istanbul, Turkey: *"Isovector Giant Dipole Resonance of Hot Nuclear Matter"*

Thursday, September 14:

Chair: Prof. Nicolae Victor Zamfir

9:00 – 9:50 **Prof. Dorel Bucurescu, Bucharest, Romania:** *"Physics of $N \cong Z$ nuclei" (Part I)*

10:00 – 10:50 **Prof. Dorel Bucurescu, Bucharest, Romania:** *"Physics of $N \cong Z$ nuclei" (Part II)*

11:10 – 12:00 *Concluding remarks:* **Prof. I-Yang Lee, Berkley, USA**