

9th International Balkan School on Nuclear Physics
July 10th – July 17th, 2016, Constanta, Romania

PROGRAM

Sunday, July 10th	ARRIVAL AND REGISTRATION
18:00-20:00	WELCOME PARTY

Monday, July 11th	
Morning Session	
10:00-10:45	Welcome
10:45-11:15	<i>Coffee break</i>
11:15-12:00	M. Gai: <i>Using stars to measure the universe</i>
12:00-12:15	<i>Break</i>
12:15-13:00	M. Gai: <i>Stellar evolution</i>
13:00-14:15	<i>Lunch break</i>
Afternoon Session	
14:15-15:00	P. H. Regan: <i>Isomers and nuclear lifetimes</i>
15:00-15:15	<i>Break</i>
15:15-16:00	P. H. Regan: <i>Nuclear structure studies of high-spin states with large arrays</i>

Tuesday, July 12th	
Morning Session	
09:00-09:45	C. Fransen: <i>Determination of lifetimes of excited nuclear states with the recoil distance Doppler shift technique</i>
09:45-10:00	<i>Break</i>
10:00-10:45	C. Fransen: <i>Determination of lifetimes of excited nuclear states with the recoil distance Doppler shift technique</i>
10:45-11:15	<i>Coffee break</i>
11:15-12:00	K. Riisager: <i>Overview of halo states in nuclear physics</i>
12:00-12:15	<i>Break</i>
12:15-13:00	K. Riisager: <i>Overview of halo states in nuclear physics</i>
13:00-14:15	<i>Lunch break</i>
Afternoon Session	
14:15-15:00	C. Scholey: <i>A Jyvaskyla perspective of nuclear spectroscopy</i>

	<i>using recoil separators</i>
15:00-15:15	<i>Break</i>
15:15-16:00	<i>C. Scholey: A Jyvaskyla perspective of nuclear spectroscopy using recoil separators</i>

Wednesday, July 13th	
Morning Session	
09:00-10:45	<i>B. Mitrica: New applications of muon tomography</i>
10:45-11:45	<i>Lunch</i>
12:00-15:45	EXCURSION
16:00-18:00	POSTER SESSION
19:00-23:00	OFFICIAL DINNER

Thursday, July 14th	
Morning Session	
09:00-09:45	<i>S. Leoni: Interplay between single particle and collective excitations around neutron-rich magic systems</i>
09:45-10:00	<i>Break</i>
10:00-10:45	<i>S. Leoni: Interplay between single particle and collective excitations around neutron-rich magic systems</i>
10:45-11:15	<i>Coffee break</i>
11:15-12:00	<i>V. Werner: Nuclear structure and astrophysics with gamma-ray beams</i>
12:00-12:15	<i>Break</i>
12:15-13:00	<i>V. Werner: Nuclear structure and astrophysics with gamma-ray beams</i>
13:00-14:15	<i>Lunch break</i>
Afternoon Session	
14:15-15:00	<i>A. Bruce: Exciting things to measure at GSI/FAIR with HISPEC/DESPEC</i>
15:00-15:15	<i>Break</i>
15:15-16:00	<i>A. Bruce: Assigning level spins and parities, and transition multipolarities using gamma-ray spectroscopy</i>
Friday, July 15th	
Morning Session	
09:00-09:45	<i>C. Matei: From Big Bang to stellar helium burning at ELI-NP</i>

09:45-10:00	<i>Break</i>
10:00-10:45	<i>C. Matei: From Big Bang to stellar helium burning at ELI-NP</i>
10:45-11:15	<i>Coffee break</i>
11:15-12:00	<i>A. Negret: Nuclear data: going around the problem</i>
12:00-12:15	<i>Break</i>
12:15-13:00	<i>A. Negret: Nuclear data: going around the problem</i>
13:00-14:15	<i>Lunch break</i>
Afternoon Session	
14:15-15:00	<i>P.Petkov: Lifetime measurements of excited nuclear states: carrying out experiments, lifetime determination and gained nuclear structure information</i>
15:00-15:15	<i>Break</i>
15:15-16:00	<i>P.Petkov: Lifetime measurements of excited nuclear states: carrying out experiments, lifetime determination and gained nuclear structure information</i>

Saturday, July 16th	
Morning Session	
09:00-09:45	<i>A. Krasznahorkay: Nuclear fission studies below the fission barrier</i>
09:45-10:00	<i>Break</i>
10:00-10:45	<i>A. Krasznahorkay: Nuclear fission studies below the fission barrier</i>
10:45-11:15	<i>Coffee break</i>
11:15-12:00	<i>T. Mertzimekis: Nuclear electromagnetic moments, basic theory and applications</i>
12:00-12:15	<i>Break</i>
12:15-13:00	<i>T. Mertzimekis: Nuclear electromagnetic moments, basic theory and applications</i>
13:00-14:15	<i>Lunch break</i>
Afternoon Session	
14:15-15:00	<i>G. Georgiev: Nuclear moments of exotic nuclei – the experimental approach. Techniques for ground-, isomeric- and short-lived excited states measurements with radioactive beams</i>
15:00-15:15	<i>Break</i>
15:15-16:00	<i>G. Georgiev: Nuclear moments of exotic nuclei – the experimental approach. Techniques for ground-, isomeric- and short-lived excited states measurements with radioactive beams</i>

Sunday, July 17th

DEPARTURES