High Resolution Gamma-Ray Spectroscopy at the RIBF

Thursday, 11 April 2019

Proposals: Physics I (09:00 - 10:30)

-Conveners: Heather Crawford

time	[id] title	presenter
09:00	[7] Shape coexistance in the N=Z nucleus ^{80}Zr	VALIENTE DOBON, Jose Javier
09:15	[5] Study of multiple shape coexistence in 80Zr and isospin symmetry breaking of its vicinity	HA, Jeongsu
09:30	[30] T=0 pairing along the N=Z line in the g9/2 region	BENTLEY, Michael
09:45	[28] MED and TED in the rotational A=78, 82 T=1 triplets	LENZI, Silvia M.
10:00	[39] Test of nuclear collectivity above 100 Sn	VALIENTE DOBON, Jose Javier
10:15	[26] Spectroscopy of 100In with neutron knockout reactions	PARK, Joochun (Jason)

Proposals: Physics II (11:00 - 12:30)

-Conveners: Nori AOI

time	[id] title	presenter
11:00	[2] Gamma spectroscopy near 78Ni	FRANCHOO, S
11:15	[25] Competition between core excited and single-particle proton and neutron states out of 78Ni studied via lifetime measurements.	RECCHIA, Francesco
11:30	[46] Detailed spectroscopy of 78Ni	DOORNENBAL, Pieter
11:45	[44] Lifetimes of the 4+ states in 72 and 74Ni	VALIENTE DOBON, Jose Javier
12:00	[35] Coulomb excitation in neutron-rich isotopes around Ni	CORTES, Martha Liliana
12:15	[12] Coulomb Excitation of ^{70}Fe	CRAWFORD, Heather

Proposals: Physics III (14:00 - 15:45)

-Conveners: Thorsten Kroell

time	[id] title	presenter
14:00	[14] Neutron single-particle structure above N=50 towards 78Ni	FLAVIGNY, Freddy
14:15	[19] E2 Coulex measurements in ^{79,81}Zn to understand nuclear intruder states and shell evolution	GOTTARDO, Andrea
14:30	[20] Secondary knockout reactions and lifetime measurement with the plunger technique	GOTTARDO, Andrea
14:45	[22] Onset of collectivity beyond N=50 studied in zinc isotopes	GORSKA, Magdalena
15:00	[23] Structural investigation at the boundary of gamma-ray spectroscopy: investigation of extremely neutron rich ^{84,86,88}Ge	FRANSEN, Christoph
15:15	[34] Intermediate-energy Coulomb-excitation of neutron-rich isotopes at Z<38, N>50	WERNER, Volker
15:30	[29] Approaching the Fifth Island of Inversion from the north	Dr TANIUCHI, Ryo

Proposals: Physics IV (16:15 - 18:00)

-Conveners: Peter Reiter

time	[id] title	presenter
16:15	[11] Spectroscopic Factors in the Neutron-Rich Ca Isotopes	CRAWFORD, Heather
16:30	[15] Single-particle and collective structure of neutron-rich N=40 nuclei	WIMMER, Kathrin
16:45	[13] Spectroscopy of ^{63}V and Spectroscopic Factors in the N=40 Island of Inversion	FALLON, Paul
17:00	[33] Single-particle structure of 55Ti and 57Ti	KOIWAI, Takuma
17:15	[9] Experiments with the High Resolution gamma-ray Array at RIBF	PETRI, Marina
17:30	[48] High resolution spectroscopy beyond 132Sn	AOI, Nori
17:45	[24] Breaking of the isospin symmetry in the A=71 mirror nuclei: Knock-out reactions in 71Kr-71Br nuclei (and neighbours) using Miniball at Riken.	RECCHIA, Francesco

Friday, 12 April 2019

Proposals: Physics V (09:00 - 10:30)

-Conveners: Anna Corsi

time	[id] title	presenter
09:00	[3] Nature of proton and neutron motions in neutron-rich Te isotopes	Dr MOON, Byul
09:15	[10] Pairing in weakly bound systems	CRAWFORD, Heather
09:30	[21] Single-particle states in the N=82 nucleus 129Ag	PODOLYAK, Zsolt
09:45	[27] High-resolution spectroscopy around N=90	LOZEVA, Radomira
10:00	[37] γ(γ)-spectroscopy and lifetime measurements in the 132 Sn region following (p,2p) reactions	KROELL, Thorsten
10:15	[1] Study of octupole deformation in neutron-rich Ba isotopes using Coulomb excitation at intermediate energies	JUNGCLAUS, Andrea

Proposals: Physics VI (11:00 - 12:30)

-Conveners: Volker Werner

time	[id] title	presenter
11:00	[43] Exploring the collectivity around the N = 82 shell closure via relativistic Coulomb excitation of the Z = 50 130,136Sn isotopes	REITER, Peter
11:15	[6] Disentangling collective and single-particle structures in neutron-rich Se isotopes	BROWNE, Frank
11:30	[38] Shape coexistence studies in neutron-rich krypton isotopes around N=60	BLAZHEV, Andrey
11:45	[8] Coulomb and quantum bubbles in heavy nuclei	SUZUKI, daisuke
12:00	[49] Single particle structure coupled to the second 0+ state in 32Mg	IMAI, Nobuaki
12:15	[31] Magnetic moments of short-lived excited states at projectile-fragmentation energies. Would the recoil in gas technique work?	Dr LJUNGVALL, Joa