

Nucleus Nucleus 2015

Tuesday, June 23, 2015

Fusion and Fission - Aula A (2:30 PM - 4:35 PM)

-Conveners: H.Q. Zhang

time	[id] title	presenter
2:30 PM	[454] Low-energy fission and beta-delayed fission with radioactive beams	Dr ANDREYEV, Andrei
2:55 PM	[188] Sub-barrier fusion and transfers in the $^{40}\text{Ca}+^{58,64}\text{Ni}$ systems	Prof. COURTIN, Sandrine
3:15 PM	[184] Dynamical Dipole Mode in the $^{40,48}\text{Ca}+^{152,144}\text{Sm}$ fusion-evaporation and fission reactions at 11 MeV/nucleon	Dr PARASCANDOLO, Concetta Dr PIERROUTSAKOU, Dimitra
3:35 PM	[125] Microscopic description of fission using dynamical theories	Mr SCAMPS, Guillaume
3:55 PM	[114] Isospin influence on the decay modes of systems produced in the $^{78,86}\text{Kr}+^{40,48}\text{Ca}$ at 10AMeV	GNOFFO, Brunilde
4:15 PM	[225] Dissipative effects in fission investigated with proton-on-lead reactions	Mr RODRIGUEZ SANCHEZ, Jose Luis

Fusion and Fission - Aula A (5:00 PM - 7:05 PM)

-Conveners: Neil Rowley

time	[id] title	presenter
5:00 PM	[337] Timelines in Breakup: Sub-zeptosecond processes in near-barrier reaction dynamics	DASGUPTA, Mahananda
5:25 PM	[63] Breakup of weakly bound nuclei and its influence on fusion	Prof. GOMES, Paulo R S
5:45 PM	[194] Effect of breakup and transfer on complete and incomplete fusion in $^6\text{Li}+^{209}\text{Bi}$ reaction in multi-body classical molecular dynamics calculation	Prof. GODRE, Subodh S.
6:05 PM	[186] Fusion reactions of $^{58,64}\text{Ni} + ^{124}\text{Sn}$	GALTAROSSA, Franco
6:25 PM	[176] Study of the $^{20,22}\text{Ne} + ^{20,22}\text{Ne}$ and $^{10,12,13,14,15}\text{C} + ^{12}\text{C}$ fusion reactions with MUSIC	Dr AVILA, Melina
6:45 PM	[137] Dissipation strength of the tilting degree of freedom in fusion-fission reactions	NADTOCHY, Pavel

Thursday, June 25, 2015

Fusion and Fission - Aula Magna (11:00 AM - 1:00 PM)

-Conveners: David Hinde

time	[id] title	presenter
11:00 AM	[30] Present status of coupled-channels calculations for heavy-ion subbarrier fusion reactions	Dr HAGINO, Kouichi
11:30 AM	[31] Sub- and near-barrier fusion reactions: experimental results	MONTAGNOLI, Giovanna
12:00 PM	[32] Quantifying low-energy fusion dynamics of weakly bound nuclei	Dr DIAZ-TORRES, ALEXIS
12:30 PM	[33] Dynamical effects in fission reactions investigated at high excitation energy	Prof. BENLLIURE, Jose

Fusion and Fission - Aula A (2:30 PM - 4:40 PM)

-Conveners: Paulo Gomes

time	[id] title	presenter
2:30 PM	[372] Study of GDR widths at low temperature and lambda spectrometer	BANERJEE, S.R.
2:55 PM	[242] Systematic study of quasifission characteristics and timescales in heavy element formation reactions	Prof. HINDE, David
3:20 PM	[195] Fission study by multi-nucleon transfer reaction at JAEA	Dr HIROSE, KENTARO
3:40 PM	[131] Fusion and neutron transfer reactions with weakly bound nuclei within time-dependent and coupled channel approaches	Prof. SAMARIN, Viacheslav
4:00 PM	[78] Measurement of fusion excitation function for $7\text{Li}+64\text{Ni}$ at near the VB	Mr SHAIKH, MD. MOIN
4:20 PM	[193] Systematics for low energy incomplete fusion: still a puzzle?	Dr YADAV, Abhishek

Fusion and Fission - Aula A (5:00 PM - 6:50 PM)

-Conveners: Andrei Andreyev

time	[id] title	presenter
5:00 PM	[414] Description of the fusion-fission reactions in the framework of dinuclear system conception	KALANDAROV, Shuhrat
5:25 PM	[183] The influence of the 2-neutron elastic transfer on the fusion of $42\text{Ca} + 40\text{Ca}$	STEFANINI, Alberto
5:50 PM	[230] Exploring dissipative processes at high angular momentum	Dr WILLIAMS, Elizabeth
6:10 PM	[66] Nucleus-nucleus potential with shell-correction contribution: barriers and subbarrier fusion	Dr DENISOV, Vitali
6:30 PM	[218] Fusion of $16,18\text{O} + 58\text{Ni}$ at energies near the Coulomb barrier	Dr JIA, H.M.