

Quantitative Large Amplitude Shape Dynamics: fission and heavy ion fusion

Fission Theory I: Key Problems

September 30 – October 4, 2013

Monday, September 30, 2013

Room C421, Physics/Astronomy Tower

- 10:00 am: L.M. Robledo, Univ Autonoma de Madrid
"Uncertainties in the evaluation of fission observables"
- 11:00 am: Dario Vretenar, Univ of Zagreb
"EDF calculation of shapes and barriers: mean field and beyond"

Tuesday, October 1, 2013

Room C421, Physics/Astronomy Tower

- 10:00 am: Patrick Talou, LANL
"Fundamental and Applied Nuclear Fission Research at LANL"
- 11:00 am: Anatoli Afanasjev, Mississippi State Univ
"Fission in covariant DFT: status and open questions"

Wednesday, October 2, 2013

Room C421, Physics/Astronomy Tower

- 10:00 am: Kenichi Yoshida, Niigata Univ
"Collective mass parameters in Skyrme EDF"
- 11:00 am: Jhiliam Sadhukhan, Univ of Tennessee
"Density functional theory of spontaneous fission life-times"

Thursday, October 3, 2013

Room C421, Physics/Astronomy Tower

- 10:00 am: Gabriel Martínez Pinedo, Institut für Kernphysik
"The role of fission in r-process nucleosynthesis"

Friday, October 4, 2013

Room C421, Physics/Astronomy Tower

- No scheduled talks

INT Program 13-2b Participants September 30-October 4, 2013

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