

**JINA Workshop on
Nuclear Incompressibility and the Nuclear Equation of State
University of Notre Dame**

PROGRAM (Tentative)

All sessions to be held in the seminar room of the Nuclear Structure Laboratory
(124 Nieuwland Science Hall)

Thursday, July 14, 2005

Session I (Chair: U. Garg)

- 0900 Ani Aprahamian (*Notre Dame*): Welcome
- 0915 M. Fujiwara (*RCNP, Osaka*): Observation of the giant monopole resonances in the Sn isotopes via (α, α') reactions at 400 MeV at RCNP--Latest results and implications
- 0945 D.H. Youngblood (*Texas A & M*): TBA
- 1015 M. Hunyadi (*ATOMKI, Debrecen*): Particle decay studies of the Isoscalar Giant Dipole Resonance
- 1045 Coffee

Session II (Chair: J. Piekarewicz)

- 1100 B.K. Nayak (*BARC, Mumbai*): Excitation of Isoscalar Giant Dipole Resonance in ^{58}Ni
- 1130 G. Colò (*INFN, Milano*): The nuclear matter incompressibility from different giant resonances and different model analyses
- 1200 J. Terasaki (*North Carolina*): Systematics of strength functions of IS dipole and monopole modes
- 1230 Lunch

Session III (Chair: R. Zegers)

- 1400 W.G. Lynch (*Mich. State*): Central Collisions and the EOS of Dense Asymmetric Matter
- 1430 B. Tsang (*Mich. State*): Experimental Constraints on Asymmetric Nuclear Matter
- 1500 K. Nakanish (*RCNP, Osaka*): Recent Results from $(^3\text{He}, t-p)$ and $(^3\text{He}, t-n)$ reactions
- 1530 Coffee

Session IV (Chair: H. Sagawa)

- 1600 P. Danielewicz (*Mich. State*): Density dependence of energy in symmetric and asymmetric matter, from structure and reactions
- 1630 B.-A Li (*Arkansas State*): Extracting Incompressibility of Isospin Asymmetric Matter from Heavy-Ion Reactions
- 1700 A. Ono (*Tohoku/Mich. State*): Effect of symmetry energy in fragment isospin composition

Friday, July 15, 2005

Session V (Chair: P. Danielewicz)

- 0900 F. Weber (*San Diego State*): Nuclear Incompressibility and Compact Stars
0930 A. Steiner (*Stony Brook*): Isospin Asymmetry in Nuclei, Neutron Stars, and Heavy-Ion Collisions
1000 J. Piekarewicz (*Florida State*): Neutron-Rich Nuclei in Heaven and Earth
1030 Coffee

Session VI (Chair: W.G. Lynch)

- 1100 H. Sagawa (*Aizu*): Pigmy and Giant resonances and incompressibility
1130 H. Baba (*RIKEN*): Measurement of inelastic alpha scattering on ^{14}O
1200 H. Hashimoto (*RCNP, Osaka*): Investigation for ISGDR of ^{38}Ni with $(\alpha, \alpha'-p)$ coincidence measurement
1230 Lunch