

**TIFR- ANL Interaction Meeting in Nuclear Physics
Program
March 15, 2010**

9.30: 9.45	<i>Opening Remarks by Dean (NSF), TIFR</i>
	<i>Session I : Chair- Prof. S. Ramakrishnan</i>
9.45: 10.15	An overview of Nuclear physics program at PLF, Mumbai Prof. R.G. Pillay
10.15: 10.45	An overview of Nuclear Physics research at ATLAS Prof. R.V.F. Janssens
10.45: 11.00	Tea/coffee break
	<i>Session II: Chair- Prof. R.V.F. Janssens</i>
11.00: 11.45	Experimental results from INGA and future plans at TIFR Dr. R. Palit
11.45: 12.30	High spin spectroscopy with stable beams in the actinide region Dr. M. Carpenter
12.30: 13.15	Recent studies in the ^{100}Sn region Dr. D. Seweryniak
13.15: 14.30	Lunch break
	<i>Session III: Chair- Dr. S. Kailas</i>
14.30: 15.15	Towards a more accurate measurement of the gamma decay branch of the 4^+ resonance in ^8Be Prof. V. M. Datar
15.15: 16.00	Isospin Effects and Mirror Symmetry along the N=Z Line Dr. C.J. Lister
16.00:16.15	Tea/coffee break
	<i>Session IV: Chair- Dr. R.K. Choudhury</i>
16.15:17.00	Upgrades of ATLAS: CARIBU and the Efficiency and Intensity Upgrade Prof. R.V.F. Janssens
17.00: 18.15	Visit to Pelletron LINAC facility
18.15: 19.00	Discussions
19.00: 20.30	Dinner (West Canteen)

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	<i>Session V: Chair- Dr. A. Chatterjee</i>
9.30: 10.15	Breakup reactions : the present and a peek into the future Dr. R. Chatterjee
10.15: 11.00	Influence of exotic structure and weak binding on reactions dynamics near the coulomb barrier Dr. A. Shrivastava
11.00: 11.15	Tea/coffee break
	<i>Session VI: Chair- Dr. D.R. Chakrabarty</i>
11.15: 12.00	Temperature and angular momentum dependence of GDR width in mass A~150 Prof. V. Nanal
12.00: 12.45	Non-equilibrium fission in heavy-ion reactions Dr. R. Thomas
12.45: 13.30	Status of Nuclear Structure and Decay Data Evaluation in India Dr. Gopal Mukherjee
13.30: 14.30	Lunch break
	<i>Session VII: Chair- Prof. V.M. Datar</i>
14.30: 15.15	HELIOS: A Spectrometer for reaction studies in inverse kinematics Dr. B. Back
15.15: 16.00	Studies of explosive stellar environments using GAMMASPHERE Dr. D. Seweryniak
16.00: 16.15	Tea/coffee break
	<i>Session VIII: Chair- Prof. R.S. Bhalerao</i>
16.15: 17.00	Phase diagram of hot and dense nuclear matter Dr. S. Pal
17.00: 17.45	Exotic Structures & Exotic Effects near the Drip Line: A Three-Body Approach Prof. I. Mazumdar
17.45: 18.30	Discussions
18.30	<i>Departure for Dinner Banquet (Jade Garden, Worli)</i>

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	Session IX: Chair- Dr. B. Back
9.30: 10.15	Mass measurements for nuclei relevant for nuclear astrophysics and fundamental interactions Dr. J. Clark
10.15: 10.40	Level density in Pb region with neutron spectroscopy P.C. Rout
10.40: 11.00	Momentum Achromat for Radioactive Ion Experiments Prof. V. Nanal
11.00: 11.30	Tea/coffee break
11.30: 13.00	<i>Future Plans</i> <i>Co-ordinators: Prof. R.G. Pillay & Prof. R.V.F. Janssens</i>
	Closing Remarks
13.00: 14.00	Lunch
16.00	Colloquium by Prof. R.V. F. Janssens