

中国 - 南非新一代放射性束核物理联合研讨会

**China - South Africa Joint Symposium on Nuclear Physics with
New Generation Radioactive Ion Beams (Sep. 1-5, 2011)**

Program

<u>SEPTEMBER 1 (THURSDAY)</u>		
08:30-09:00	Registration at Room 513, Main Building, Beihang University	
09:00-10:00	Opening Session	
Chair: Jie MENG		
10:00-10:30	Neutron halo and the importance of tensor forces in nuclei	Isao TANIHATA
10:30-11:00	<i>Coffee break</i>	
Chair: Isao TANIHATA		
11:00-11:30	BRIF and CARIF progress	Weiping LIU
11:30-12:00	Facilities and Research at iThemba LABS	Kobus LAWRIE
12:00-14:30	<i>Lunch</i>	
Chair: Rainer LIEDER		
14:30-15:00	Chiral symmetry in real nuclei	Elena LAWRIE
15:00-15:30	Progress in the theoretical description of chiral doublet bands	Shuangquan ZHANG
15:30-16:00	<i>Coffee break</i>	
Chair: Shuangquan ZHANG		
16:00-16:30	Chiral doublet bands in the 80 mass region	Shouyu WANG
16:30-17:00	Investigation of lifetimes for the proposed chiral bands in ^{106}Ag with AFRODITE using DSAM	Rainer LIEDER
17:00-	<i>Discussions</i>	
18:30-20:30	Welcome party at Dongfanghong Restaurant	
<u>SEPTEMBER 2 (FRIDAY)</u>		
Chair: Lihua ZHU		
09:00-09:30	Theoretical Study of Superheavy Nuclei	Shangui ZHOU
09:30-10:00	Coulomb excitations of light nuclei with radioactive ion beams	Jose Nicolas ORCE
10:00-10:30	<i>Coffee break</i>	
Chair: Shangui ZHOU		
10:30-11:00	New band structures in A=110 neutron-rich nuclei	Shengjiang ZHU
11:00-11:30	High-spin structures in doubly odd ^{124}Cs and ^{128}La	Dong YANG
11:30-12:00	Covariant density functional theory for the magnetic and antimagnetic rotation	Pengwei ZHAO
12:00-14:30	<i>Lunch</i>	

Chair: Shengjiang ZHU		
14:30-15:00	β -decay studies of the neutron-rich nuclei	Hui HUA
15:00-15:30	Neutron-Rich C Isotopes at Stable and Radioactive Beam Facilities	Mathis WIEDEKING
15:30-16:00	<i>Coffee break</i>	
Chair: Kobus LAWRIE		
16:00-16:30	Study of repulsive nature of optical potential for high energy $^{12}\text{C}+^{12}\text{C}$ elastic scattering	Gaolong ZHANG
16:30-16:45	Study of fusion evaporation channels in the $^{18}\text{O} + ^{18}\text{O}$ reaction at 65 MeV	Esra KHALEEL
16:45-	<i>Discussions</i>	
<u>SEPTEMBER 3 (SATURDAY)</u>		
Chair: Robert BARK		
09:00-09:30	On the way to a microscopic derivation of nuclear energy density functionals	Peter RING
09:30-10:00	Symmetry Energy at Supra-saturation densities	Zhigang XIAO
10:00-10:30	<i>Coffee break</i>	
Chair: Zhigang XIAO		
10:30-11:00	Research and training programs in Nuclear Physics at Stellenbosch University	Shaun WYNGAARDT
11:00-11:30	The iThemba LABS radioactive beam project	Robert BARK
11:30-12:00	Alpha Cluster Structure and Scattering in ^{20}Ne	Joram NDAYISHIMYE
12:00-14:30	<i>Lunch</i>	
Chair: Hui HUA		
14:30-15:00	Microscopic analysis of shape transition and low lying excitation for tungsten isotopes	Chunyan SONG
15:00-15:15	Octupole Excitations in U isotopes	Sifiso NTSHANGASE
15:15-15:45	<i>Coffee break</i>	
Chair: Shaun WYNGAARDT		
15:45-16:00	Systematic investigation of the rotational bands in nuclei with $Z \sim 100$	Zhenhua ZHANG
16:00-16:15	The Development Of A High Flux Neutron Detection System	Thifhelimbilu Daphney SINGO
16:15-16:30	A multi-dimensional constrained relativistic mean field model and its application for hypernuclei and heavy nuclei	Bingnan LU
16:30-17:00	<i>Discussion</i>	
17:00-17:30	<i>Closing session</i>	