

**iThemba LABS
RADIOACTIVE-ION BEAM PROJECT 2011**

THURSDAY, 15TH OF SEPTEMBER IN THE AUDITORIUM, iThemba LABS, SOMERSET WEST

Buses depart from the Stellenbosch Hotel at 08:00

TIME	TALK	SPEAKER
<u>Morning Session Chair:</u> Elena Lawrie		
08:30	Registration	
08:45	Welcome Address	Director
09:00	The iThemba LABS Radioactive Beam Project	Robert Bark
09:40	The SPIRAL II Project	Sydney Gales
10:20	Morning Tea	
10:40	The SPES Project	Leandro Piazza
11:20	Physics with the SPES Project (I)	Fabiana Gramegna
12:00	Physics with Radioactive Beams (I)	David Radford
13:00	Lunch	
<u>Afternoon Session Chair:</u> Mathis Wiedeking		
13:40	New data on the ^{10}He energy spectrum obtained in the reaction $^3\text{H}(^8\text{He},\text{p})$	Sergey Krupko
14:00	Isovector soft dipole mode in ^6Be	Vratislav Chudoba
14:20	Self consistent calculations of the strength function and radiative neutron capture cross sections for stable and unstable isotopes	Alexander Avdeenkov
14:40	Making and using high intensity $^{6,8}\text{He}$ beams	Paul Papka
15:00	Development of an active target from stable to rare-ion beams	Paul Papka
15:20	Afternoon Tea	

15:40	Single and multi-step Coulomb excitations with radioactive (and stable) ion beams	Nico Orce
16:00	Radioactive Beams in Material Sciences (I)	Ulrich Wahl
17:00	Potential Mossbauer probes at a RIB Facility at iThemba LABS	Krish Bharuth-Ram
17:20	End of session Buses depart from iThemba LABS at 17:30	
19:30	Conference Dinner at Stellenbosch Lodge	

FRIDAY, 16TH OF SEPTEMBER IN THE AUDITORIUM, iThemba LABS, SOMERSET WEST

Buses depart from the Stellenbosch Lodge at 08:30

TIME	TALK	SPEAKER
<u>Morning Session Chair:</u> Kobus Lawrie		
09:00	Physics with Radioactive Beams (II)	David Radford
10:00	Burning Physics Issues	Sydney Gales
10:40	Morning Tea	
11:00	Radioactive Beams in Material Sciences (II)	Ulrich Wahl
12:00	Physics with the SPES Project (II)	Fabiana Gramegna
12:40	Neutron Beams	Andy Buffler
13:00	Lunch	
<u>Afternoon Session Chair:</u> Carlos Pineda-Vargas		
13:40	Stable beam physics with the K600 zero degree facility during phase I of the RIB project	Retief Neveling
14:00	Excitation and decay of nuclear giant resonances	John Carter
14:20	Parallel Discussions	
15:20	Afternoon Tea	
15:40	Parallel Discussions	
16:20	Nuclear Discussion Group Report Back	T.B.A.
16:40	Materials Discussion Group Report Back	T.B.A.
17:00	Closing Remarks	