



science
& technology

Department:
Science and Technology
REPUBLIC OF SOUTH AFRICA



The Embassy of Japan

Space Science Colloquium:

Promoting Space Exploration and Earth Observation: Contribution of Japan and South Africa to Humanity

Date: Thursday, October 4, 2012

Time: 8:00 for 8:30

Venue: University of Pretoria Sanlam Auditorium

Co-hosted by The Department of Science and Technology
The Embassy of Japan in South Africa,
Nairobi Research Station, Japan Society for the Promotion of
Science
The University of Pretoria

Japan is among the leaders in space development. South Africa has an enormous potential to be a major country of space development in Sub-Saharan Africa by hosting SKA particularly. The exploration of space is not only important in its own right but its application will bring benefits to humanity such as using satellite information to anticipate climate variations and communication. This colloquium will bring together scientist from Japan and Africa to discuss recent developments in astronomy, earth observation and micro-satellites.



Programme:

- 8:00– Registration
- 8:30– Welcome (the Embassy of Japan, DST, University of Pretoria, JSPS)
- 9 :00–
◆Impact of Science and Technology on Society in Eastern Africa
Prof. Shaukat Abdulrazak, (CEO, National Council for Science and Technology of Kenya)
◆12 years activity of IRSF, a 1.4 m Japanese telescope in South Africa
Dr. Takahiro Nagayama, (Nagoya University, Designated Assistant Professor)
◆SANSa Space Science Operation
Dr. Lee–Anne McKinnell, (SANSa Space Science)
◆Q & A and Discussions
- 10:40– Coffee break
- 11:00–
◆Cosmic Ray and Climate Change
Prof. Hirohisa Sakurai (Faculty of Science, Department of Physics, Yamagata University)
◆Earth Observation
Dr Jane Olwoch (SANSa, Earth Observations)
◆The societal benefit of earth observation in a South African context
Dr Waldo Kleynhans (University of Pretoria, Earth Observations)
◆Q & A and Discussions
- 13:00– Lunch break
- 13:30–
◆Small Satellite development experience in Japan
Prof. Shinichi Nakasuka (Department of Aeronautics and Astronautics, University of Tokyo)
◆Small Satellite development experience in South Africa
Prof. Robert van Zyl (Cape Peninsula University of Technology)
◆Q & A and Discussions
- 15:00–
Way forward
Reception

