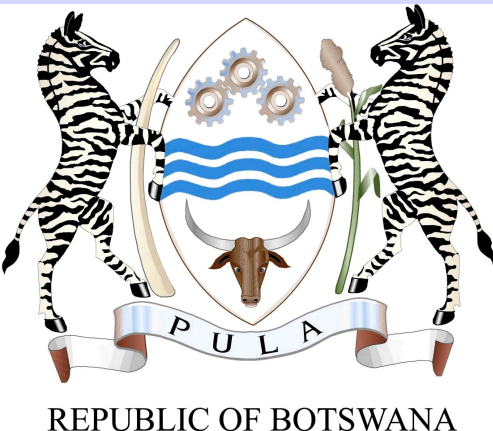


DR KGAKGAMATSO MOLOI

UNIVERSITY OF BOTSWANA

PHYSICS DEPARTMENT

**SKA REPRESENTATIVE AT THE UNIVERSITY



Human Capital Development

- Four Batswana Students are currently doing their BSc at the University of Kwazulu Natal
- One Motswana student is doing his MSc in a South African University
- SKA Scholarships are being publicized

Institutional Collaboration

- Collaboration between University of Botswana and UNISA
- Professor Peter Derck Smits visited UB from the 26th to 30th May 2012**
- A series of lectures attended by both**
 - students and the general staff Membership**
- A series of night viewings were conducted**

Institutional Collaboration

- Exchange of course material
- Guided the department on ways of setting an astronomy programme

Research Equipment

- Acquisition of Telecom dishes achieved
 - i) Teaching and Research
 - ii) African VLBI network
- Received 12 Galileo Telescopes from SKA for teaching

Other Physics Department Activities

i) New Courses

-Introduction To Astro –Physics (PHY 487)

AREAS OF NEEDS

-Lecture exchange programs

-Technical Expertise on Analysing
Astronomical Data

-Converting Tele receivers into Radio
Astronomy Dishes

ADVANTAGES

- The political will is there. Government participating in the SKA through an act of parliament
- Botswana has necessary infrastructure for collaborative ventures
- Excellent communication systems including INTERNET
- Very stable economy and political system

THANK YOU