

# SAIP2013



Contribution ID : 309

## **New iThemba-LABS and Wits University Ion Implantation Facility**

Wednesday 10 Jul 2013 at 17:40 (01h00')

### **Abstract :**

Ion implantation is one of the most versatile techniques for preparing solid surfaces for many different applications -- in physics, chemistry, engineering or even biology, as users of the former University of the Witwatersrand facility will be aware. Wits has now joined forces with iThemba LABS (Gauteng) to acquire a "new" second-hand ion implantation accelerator in a joint venture, and to equip it with a universal ion-source able to produce beams from the entire periodic table. The facility has been installed and commissioned and is available for collaborative research, with a resident operator-technician. Some of the current research is described.

### **Award :**

No

### **Level :**

N/A

### **Supervisor :**

N/A

### **Paper :**

No

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