



International Workshop on Ion beam Applications

October 27-28, 2016



Jointly organized by NCP and KTH, Sweden



Vetenskapsrådet

27th October

TIME	EVENT	SPEAKER
8:00 - 9.15 am	Registration	
9:15 - 9:30 am	Welcome	Ishaq Ahmad
9:30 - 9:45 am	Opening Remarks	Hafeez Hoorani
9:45 - 10:15 am	Chief Guest Talk	Iftikhar Ahmad
10:15 to 10:45 am	Tea Break	
10:45 - 11:30 am	Advancements in implantation technology for silicon carbide device manufacturing	Anders Hallén
11:30 - 12:15 pm	Radiation phenomena in oxide semiconductors	Andrej Kuznetsov
12:15 - 1:00 pm	Laser plasma based ion source and its applications	Haiyang Lu
1:00 - 2:00 pm	Lunch and Prayer	
2:00 - 2:45 pm	Thin film depth profiling by Ion Beam Analysis	Chris Jeynes
2:45 - 3:45 pm	Panel Discussion	
3:45 - 4:00 pm	Tea Break	
4:00 - 7:00 pm	Excursion for Foreigners	



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9:00 - 9:45 am	Medium energy ion scattering using a large area time-of-flight detector	Anders Hallén
9:45 - 10:15 am	Ion beam applications in semiconductors and related materials	Muhammad Usman
10:15 - 10:45 am	Tea Break	
10:45 - 11:30 am	Tracer diffusion measurements revealing point defect evolutions in ZnO	Andrej Kuznetsov
11:30 - 12:15 pm	Laser driven electron acceleration and the ultrabright gamma ray bursts	Haiyang Lu
12:15 - 1:00 pm	Ion irradiation effects in metal nanowires	Shehla Honey
	Applications of PIXE in Biological sciences	Safdar Abbas
1:00 - 2:30 pm	Lunch and Friday Prayer	
2:30 - 3:00 pm	Accelerator for the production of medical radioisotopes	Mazhar Hussain
3:00 - 3:30 pm	Measurement and Evaluation of proton and deuteron induced reaction cross sections for ^{nat}Ni and Evaluation of radionuclide ^{55}Co	Nauman Amjad
3:30 - 4:00 pm	Closing Ceremony	