

Joint ICTP/IAEA Advanced School on
Ion Beam Driven Materials Engineering: Accelerators for a New Technology Era
1 - 5 October 2018

1 ANURADHA Bhogra

Nanostructuring of SrTiO₃ System using Ar Ion Irradiation and their Thermoelectric Properties

2 BAGHBAN KHOJASTEH Mohammadi Nasrin

Chemical Analysis of Solid-Liquid Interfaces by in-situ Rutherford Backscattering Spectrometry

3 BRAJKOVIC Marko

Beam Halo Measurement using 2D Position Sensitive PIN Diode

4 DAS, Arkaprava

Electronic Excitation Induced Anomalous Band Gap Enhancement in Ni_xCd_{1-x} O Thin Films

5 DITALIA TCHERNIJ, Sviatoslav

New Diamond Color Centers Created Upon Ion Implantation and Annealing

6 KIRILKIN Nikita

Depth and Time Resolved High Energy Ionoluminescence of Oxide and Alkali Halide Crystals

7 KUMAR Pawan

Tuning the Magnetic and Electronic Properties of CeO₂ Thin Films by Very High Energy Ion Beams (~1GeV)

8 KUMAR Sunil

Ion Beam Irradiation Effects on Nanomaterial Graphene

9 LINGIS Danielius

Investigation of the Graphite Structure After Modification by 12C⁺ Ion Implantation and Thermal Treatment

10 MOHANTY Pankaj

Role of Swift Heavy Ion Irradiation on Magnetism and Electronic Transport Behavior of Epitaxial Ti_{1-x}Co_xO_{2-δ} Thin Films

11 NUVIADENU Christian

Pelletron Energy Calibration Using RBS with $zX(\alpha, \alpha^0)zX$ Reaction

./.

12 OLUWALEYE Olakunie

Modification of Indium Tin Oxide (ITO) Thin Films on Glass Substrate by Vanadium keV ion Implantation: Structural, Electrical and Optical Properties

13 RAFI KHEIRI Hossein

Thin Films Structures Analyzing by Ion Back Scattering Spectroscopy

14 TORSELLO Daniele

Effects of ion irradiation on the superconducting properties of doped BaFe₂As₂ systems studied by a microwave resonator technique.

15 VEGA Nahuel

Recent Advances in the Buenos Aires Heavy Ion Microbeam Applied to Material Research

16 VILLAPANDO BARROSO Antonio

Study of the Degradation of the CCE through IBIC Analysis of a Hamamatsu Si Photodiode Irradiated with a Pulsed 11MeV Cl Ion Beam