

CHASCON 2016 - PHYSICAL & NANO SCIENCES SECTION

PROGRAMME - 1st FEBRUARY 2016

VENUE: Department of Physics

ORAL PAPER PRESENTATIONS : Session I: 08:45 - 11:15 - GF-SEMINAR ROOM

OP1	ANUJ GUPTA	Verification of properties of dust grains using Mie calculations
OP2	VANDNA SHARMA	Effect of carbon nanotubes and dichroic dye on dynamic responses of polymer dispersed liquid crystal
OP3	PRIYANKA KUMARI	Gas Electron Multiplier (GEM) Detectors For The Upgrade Of CMS Endcap Muon System at The CERN LHC
OP4	SANDEEP KAUR	Differential cross section measurements of Z+jets in proton-proton collisions at $\sqrt{s} = 13$ TeV using CMS detector
OP5	ABHIMANYU CHAWLA	GPU based algorithms for particle tracking in high energy physics experiments
OP6	ANKITA MEHTA	High Mass Higgs Searches at Large Hadron Collider
OP7	ANUPMA THAKUR	Facile Synthesis & characterization of highly fluorescent water soluble zero dimensional carbon nanostructures
OP8	ANWINDER KAUR	GEANT4 Detector Simulation
OP10	MANISHA	Data Acquisition system for Experimental Physics
OP11	GURJOT SINGH	Chemical Phase Identification of traditional ayurvedic medicines of RAS family using XRD technique
OP12	GURPREET KAUR	Early differentiation of mercury due to heating by ^{26}Al and Impacts
OP13	GUR SIMRAT KAUR	A peep into modern developments in Bose Einstein condensation
OP14	MEENU THAKUR	Study of Fission Dynamics of near Super-Heavy Nucleus ^{256}Rf
OP15	SARITA DEVI	MPA Capped CdSe Quantum Dots as Fluorescent probes for BSA detection
OP16	RAMANDEEP KUMAR	Study of double parton scattering process in Hadron collision

TEA BREAK: 11:00 - 11:30AM

SPECIAL LECTURE

Venue: 11:30 - 12:30 Department Auditorium

Semiconductor Industry - a bird's eye view

by

Sh.H.S. Jatana, SCL, Mohali

ORAL PAPER PRESENTATIONS : Session II: 12:30 - 1:30PM - GF-SEMINAR ROOM

OP17	RUCHI MAHAJAN	Fission Mechanism of $^{192,202}\text{Po}$ Nuclei by Neutron Multiplicity Measurements
OP18	SHIVCHARAN VERMA	Study of the Degree of Precipitation of Trace elements in water at varying pH using NaDDTC Reagent
OP19	AMANDEEP KAUR KALSI	Electroweak Super symmetry searches through Vector Boson Fusion processes
OP20	SAHILA CHOPRA	Synthesis of a super heavy $Z=122$ nucleus within Dynamical Cluster Decay model
OP21	KUSHAL KAPOOR	Measurement of α -multiplicity in $^{16}\text{O}+^{194}\text{Pt}$ fusion-fission reaction
OP22	DR RAVI BHATIA	Carbon nanomaterials based polymer composites: Charge transport, Magnetic response and field emission
OP23	SUMANDEEP KAUR	Properties of Phosphorene Allotropes from first principle perspective
OP24	Md Ghulam Moinuddin	Xray Photoelectron Spectroscopic Investigations of Fe_3O_4 Thin Film Grown on Si (111) using Pulse Laser Deposition
OP9	BHAWAN UPPAL	Measurement of W+Jets Differential Cross sections in CMS at LHC

LUNCH BREAK

Poster Presentations (2:30 - 4:30pm)

Venue: Department of Physics - GF Corridor

NOTE: Display your poster as per the allotted number (PP1, PP2,....)

Tea Break: 3:30pm