



Scientific Computing Workshop for High Energy Physics and Tomography

उच्च ऊर्जा भौतिकी और टोमोग्राफी के लिए वैज्ञानिक कंप्यूटिंग कार्यशाला



16-20 December / दिसंबर 2024

TOPICS

- ❖ HEP Software and Data Analysis
- ❖ Scientific Python
- ❖ Parallel programming and GPUs
- ❖ Basics of machine learning
- ❖ Techniques and applications for muon tomography

VENUE

Mini Auditorium (Lecture Room),
1st Floor, C&I Building,
Variable Energy Cyclotron
Centre, Kolkata, India

Mentor

Peter Elmer (Princeton University, USA)
Michelle Kuchera (Davidson College, USA)
Saikat Das (BARC, India)
Ianna Osborne (Princeton University, USA)
Rafael De Sa Lopes (University of Massachusetts, USA)
Gordon Watts (University of Washington, USA)
Pablo Martinez Ruiz del Arbol (Instituto de Física de Cantabria, Spain)
Kevin Pedro (Fermilab, USA)
Verena Martinez Outscoorn (University of Massachusetts, USA)
Maria Aranzazu de Oyanguren Campos (Instituto de Física de Cantabria, Spain)
Brij Kishor Jashal (TIFR, India and RAL, UK)
Purba Bhattacharya (Adamas University, India)

Local Organizing Committee

Dr. Arup Bandyopadhyay (Chair)
Dr. Tapas Samanta
Dr. Zubayer Ahammed
Shri. Partha Dhara
Shri. Jogender Saini
Shri. Subhasish Pahari
Shri. Arun Yadav
Shri Prasun Singh Roy
Dr. Vikas Singhal (Convener)
Smt. Chandra Elangovan
Shri Pechi Muthu Konar
Shri Giribabu S.
Shri Tanmoy Das
Shri Sutripta Sur
Shri Jayanta Kuma Sur
Shri Sujit Saha

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Colloquium

Building International Research Software for Next-Generation
High Energy Physics Experiments

17/12/2024 (Tuesday) at 17:00hrs at Ajay Divatia Lecture hall VECC