

EIC RELATED ACTIVITIES IN INDIA

ASMITA MUKHERJEE (IIT BOMBAY)

EICUG IB Meeting, March 14, 2019

GROUPS WORKING ON QCD IN IIT BOMBAY

Theory : Asmita Mukherjee +2 PhD students

Working on single spin asymmetries, TMDs, Wigner functions, GTMDs

Experimental group : participates in ALICE collaboration

3 faculty members, 3 postdocs, 10 PhD students

Working on correlations and fluctuations, heavy flavour , resonances, HBT (non-identified femtoscopy)

OTHER GROUPS WORKING ON QCD (THEORY) IN INDIA

TIFR (lattice and heavy ion physics)
IMSC (perturbative QCD)
Delhi University (Collider Physics)
Saha Institute of Nuclear Physics (lattice),
IOP (heavy ion physics)
NISER (heavy ion and lattice)
IISER Bhopal (SCET)
IIT Kanpur (Wigner functions, TMDs)
Mumbai University
IISc Bangalore
University of Calcutta
Gauhati University
Punjab University

PARTICIPATION IN ALICE FROM INDIA

Aligarh Muslim University,
NISER Bhubaneswar,
Punjab University,
IOP Bhubaneswar,
IIT Bombay,
VECC Kolkata,
SINP Kolkata,
BARC,
Bose Institute,
University of Jammu,
University of Gauhati,
University of Rajasthan,
IIT Indore.

PARTICIPATION IN STAR FROM INDIA

IOP Bhubaneswar,
NISER,
University of Jammu,
Punjab university,
VECC

Funding in India comes from Department of science and technology(DST),
Department of Atomic energy
(DAE) and Board of Research in Nuclear Sciences (BRNS)

PhD students and Postdoc positions are available, fellowships and individual research grants

For example : IIT Bombay funds postdoc positions, ad out in inspire

VISITING FACULTY POSITIONS AVAILABLE IN INDIA

DST funded visiting advanced joint research faculty scheme (VAJRA) prestigious and highly paid

<http://www.vajra-india.in/>

Institute visiting faculty position, IIT Bombay

Global Initiative of Academic Networks (GYAN) course lecture series, India

<http://www.gyan.iitkgp.ac.in/>

Funding is also possible from collaboration agreements between India and some other countries

UPCOMING EVENTS RELATED TO EIC

QCD with Electron-ion Collider (QEIC), IIT Bombay, January 4-7, 2020

<https://indico.cern.ch/event/797767/>

National Organising Committee :

Nilmani Mathur (TIFR)

Kajari Mazumdar (TIFR)

Bedanga Mohanty (NISER), Co-convener

Biswarup Mukhopadhyay (HRI) (Co-convener)

Asmita Mukherjee (IIT Bombay), Convener

Munshi G. Mustafa (SINP)

V. Ravindran (IMSC)

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