



# 7<sup>th</sup> Belle Analysis Workshop (BAW-2017)

(November 29 - December 3, 2017)

Department of Physics

Malaviya National Institute of Technology Jaipur

<http://www.mnit.ac.in/>



The Department of Physics is organizing the 7<sup>th</sup> Belle Analysis Workshop at Malaviya National Institute of Technology Jaipur from November 29 - December 3, 2017.

## Objective of the Program

The objective of Belle Analysis Workshop (BAW) is to bring together Ph.D. students, postdoctoral fellows and faculty working with the Belle and Belle II experiments at KEK (High Energy Accelerator Research Organization), Japan at various institutes in India into a common platform to discuss the updates on ongoing research work on both Belle and Belle II. It will also include talks from eminent experts working in High Energy Physics at KEK, Japan and India.

In this workshop, students will get introduced to the advanced silicon-based detector technology and high-end computing used between KEK and India.

## Program Highlights

### • Physics (theory and experiment) Session

Flavor Physics Experiments – Belle and LHCb (current status and future upgrade), review on rare B and D decays, CP violation in charm, beauty and tau decays, lepton flavor and universality violations, Belle II detector status (focus on SVD) and expectations, review on the physics analyses of Ph.D. students working with Belle and Belle II experiments.

### • Hands-on Session

Belle and Belle II software tools (BASF and BASF2), data analysis software (ROOT and RooFit), Monte Carlo(MC) simulations, state-of-the-art physics analysis techniques, brief overview on SVD software simulations, online MC production and software quality shifts.

## Participating Institutes

- Tata Institute of Fundamental Research, Mumbai
- Indian Institute of Technology Madras
- Indian Institute of Technology Hyderabad
- Institute of Mathematical Sciences, Chennai
- Indian Institute of Technology Bhubaneswar
- Indian Institute of Technology Guwahati
- Indian Institute of Science Education and Research Mohali
- Panjab University, Chandigarh
- Punjab Agricultural University, Ludhiana

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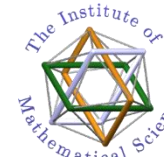
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**Venue** → **Neeti Sabhagar, NKN Hall 1, Prabha Bhawan MNIT, Jaipur**

*No Registration Fee*

For more details:- [http://www.mnit.ac.in/workshop/BAW\\_Workshop](http://www.mnit.ac.in/workshop/BAW_Workshop)