

Brief CV of Kajari Mazumdar

Ph.D. in L3 experiment at LEP.

Permanent faculty member at Tata Institute of Fundamental Research (TIFR), Mumbai, India since 1992. Presently a Senior Professor at TIFR.

Paid Associate at CERN in CMS experiment during 2002-2003.

Member of CMS international collaboration, LHC, CERN, Geneva.

- Association with CMS since 1996.
Scientific contribution in the design and optimization phase took part in physics simulation studies to estimate the discovery potential of new physics by CMS experiment.
Contributed in CMS Physics TDR and Trigger TDR in addition to doing other simulation studies steadily.
Before data taking started took part in CSA06 data challenge exercise and later in the analysis of CRAFT data.
- Took part in R&D activities of hadron outer (HO) calorimeter of CMS and also in the construction phase of HO, being responsible mainly for the quality control.
Presently leading the Indian effort for the production of front-end electronics of HE for Phase I upgrade.
- With collisions at LHC, during last few years, have been mainly involved in data analyses, contributing in several physics topics leading to publications and also providing leadership in some of them.
- Member of CMS Management Board since 2016.
Member of CMS Publications Committee for Standard Model Physics.
Additionally have served on (i) several Analysis Review Committees,
(ii) Language Editor for papers from electroweak physics group.
Send comments regularly on CMS papers at the stage of Collaboration Wide Review as independent member as well as part of Institutional Review process.
Presentation of CMS physics results in international conferences on behalf of CMS collaboration.
- Have served in the following bodies of CMS in recent times:
(i) Collaboration Board Advisory Group (CBAG) for 2 years,
(ii) Conference Committee for 4 years,
(iii) HCAL Awards Committee for 3 years,
(iv) Career Committee for 2 years,
(v) Fellows Task Force for 2 years.
Have just been appointed as one of the members to review the publication process of CMS collaboration.
- Have served as the Linkperson of Indian funding agencies as well as the Co-ordinator of India-CMS collaboration for a 2 year term in 2011-2013.
Have been relected again in 2015 for another 2-year term for the same jobs.
- One of the two Site-executives of T2-IN-TIFR, the Indian Grid Computing Tier2 centre at TIFR, Mumbai.
Representative of non-EU/US Tier 2s in the WLCG Overview Board.