

## EMCAL performance studies

*Wednesday, 13 April 2016 15:50 (20 minutes)*

This talk will explore the options for electromagnetic calorimetry for FCC-hh experiments. The requirements and key parameters for electromagnetic calorimetry in the FCC environment will be reviewed and discussed. Special emphasis will be given to the similarities to the LHC experiments and what could be learned from them, but also the expected differences with respect to LHC will be elaborated. Possible technology options will be presented and compared.

The status of the implementation of the EMCAL into the FCC software will be described and further plans presented. Planned studies of EMCAL performance with the FCC software will be outlined.

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**Session Classification:** FCC-hh Experiments and Detectors, 3rd session

**Track Classification:** Experiments and Detectors