

# QCD@LHC2022

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IJCLab Orsay, France

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## Determination of the Weak Mixing Angle

*Wednesday 30 November 2022 17:00 (15 minutes)*

The weak mixing angle is a key parameter in the electroweak sector of the standard model. Precision measurements of the weak mixing angle allow for testing the standard model and for searching for the effects of new physics.

### Declaration

I certify that I have checked that I am authorised to submit the abstract with the listed co-authors with their current affiliations

### Change of Speaker

I understand that change of speaker is allowed provided that no participant gives more than one talk. Otherwise, we will ask the speaker to choose between one or the other abstract to be presented.

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**Session Classification:** Parallel B - WG1: 2

**Track Classification:** WG1: Higher Order and Resummed Calculations