

**Workshop on sapphire R&D**

**Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Introduction on sapphire detectors**

*Tuesday, 28 November 2023 09:00 (20 minutes)*

Sapphire detectors  
Explanation of performed R&D  
Workshop talks enumeration

Contribution ID: 2

Type: **not specified**

## Tests performed at University of Tomsk

*Tuesday, 28 November 2023 09:20 (10 minutes)*

**Session Classification:** LAB tests (INFN Padova, University of Tomsk)

Contribution ID: 3

Type: **not specified**

## **Test performed at INFN Padova**

*Tuesday, 28 November 2023 09:30 (30 minutes)*

**Session Classification:** LAB tests (INFN Padova, University of Tomsk)

Contribution ID: 11

Type: **not specified**

## Status Report on the results from TB analyses

*Tuesday, 28 November 2023 10:30 (1h 30m)*

Signal shape analysis

Charge collection Efficiency (CCE) at low beam intensities

CCE vs dose (using detector currents and final readout)

Profile reconstruction

Detector responses as a function of beam parameters variations (using detector currents and final readout)

Strip resistivity studies

**Session Classification:** Beam Tests (LNF, CERN/CLEAR)