

# **TTC High-Q/High-G working group 12/04/2025**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Mid-T furnace baking study on 1-Cell MG Nb Cavities**

*Thursday, 4 December 2025 15:00 (20 minutes)*

**Presenter:** KUMAR, Ashish (KEK)

Contribution ID: 2

Type: **not specified**

## **Study of Interstitial Oxygen Near the Surface of Mid-T Heat-Treated Nb SRF Cavities: Frequency Shift Analysis**

*Thursday, 4 December 2025 15:20 (20 minutes)***Presenter:** GHANBARI, Rezvan (DESY)

Contribution ID: 3

Type: **not specified**

## **Nb Carbides study on Nb samples after heat treatments for SRF cavities**

*Thursday, 4 December 2025 15:40 (20 minutes)*

**Presenter:** BOUTELAA, Chaninez (IJCLab)

Contribution ID: 4

Type: **not specified**

## **Status of mid-T bake at Jlab**

*Thursday, 4 December 2025 16:00 (20 minutes)*

**Presenter:** DHAKAL, Pashupati (JLAB)

Contribution ID: 5

Type: **not specified**

## Correlating Nb-SRF Surface Processing with Evolution of Surface Electronic States

*Thursday, 4 December 2025 16:20 (20 minutes)*

**Presenter:** TRIPATHI, Malvika (FNAL)

Contribution ID: 6

Type: **not specified**

## **Understanding surface contamination effects in mid-T baked cavities**

*Thursday, 4 December 2025 16:40 (20 minutes)*

**Presenter:** CHOUHAN, Vijay (FNAL)