Session Program

Apr 8 – 11, 2025

TTC2025 Meeting, IRIS/IBS, Daejeon, Korea

WG-1

Science Culture Center (2F), Auditorium
IBS, Daejeon, South Korea

Tue, April 8

11:00 AM

WG-1

Session | **Location:** Science Culture Center (2F), Auditorium | **Convener:** Peng Sha (IHEP), Marc Wenskat (DESY), Pashupati Dhakal (JLAB).

11:00 – 11:30 AM **Mid-T baked and N-doped cavities performance for SHINE**

Speaker
Yue Zong (SARI)

11:30 AM – 12:00 PM **Test results of N-doping cavities for DALS**

Speaker
Weimin Yue (IASF)

12:00 – 12:30 PM **Recent progress on two-step baking activities at KEK**

Speaker
Ryo Katayama (KEK)

12:30 PM

2:00 PM

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2:00 – 2:30 PM

In-situ HRTEM Monitoring of Oxide Layer Decomposition on Niobium during Medium-Temperature Baking: Preliminary Results and Challenges

Speaker
Didi Luo (IMP)

2:30 – 3:00 PM **Sample study in the mid-T bake regime**

Speaker
Philipp Kolb (TRIUMF)

3:00 – 3:30 PM **Recent High-Q/High-G activities at IHEP**

Speaker
Peng Sha (IHEP)

3:30 PM

4:00 PM

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4:00 – 4:30 PM

Developments of Nb_3Sn cavities and conduction-cooled cryostat at PKU

Speaker
JianKui Hao (PKU)

4:30 – 5:00 PM **Pathway to tune sputtered Nb3Sn properties with Zr**

Speaker
Malvika Tripathi (FNAL)

5:00 – 5:30 PM **NbTiN coating of 6 GHz copper cavity**

Speaker
Alan Wheelhouse (STFC)

5:30 PM

Wed, April 9

11:00 AM

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11:00 – 11:30 AM

Ongoing Development of Single-Spoke Resonator Type 1 Superconducting Cavities at RAON

Speaker

Heetae Kim (IBS)

11:30 AM – 12:00 PM

ITN activities in Europe

Speaker

Laura Monaco (INFN)

12:00 – 12:30 PM

VT results on fine-grain and medium-grain 1-cell cavities in the KU/KAT and KEK collaboration

Speaker

Jongmo Hwang (KU)

12:30 PM