

Session Program

2-5 Dec 2014



TTC Meeting at KEK, December 2 - 5, 2014

WG 4 Cavity Fabrication and Preparation

KEK Tsukuba, No.4 Building 1F Seminar Hall

Wednesday 3 December

11:00

WG 4 Cavity Fabrication and Preparation

Session | **Location:** KEK Tsukuba, No.4 Building 2F room244/245

11:00–11:10 **New data on pressure tested niobium materials**

Speaker

Dr Gianluigi Ciovati

11:10–11:20 **Niobium production**

Speaker

Mr Rogerio Ribas

11:20–11:30 **SRF ingot niobium technology past present and future prospects**

Speaker

Dr Ganapati Myneni

11:30–11:40

Characterization of control of foreign materials on post-machined niobium surface

Speaker

Dr Rong-Li Geng

11:40–11:50 **Surface analysis of Nb cavity after CBP**

Speaker

Dr Alena Prudnikava

11:50–12:00

Lab EP study on inhomogeneous removal in vertical EP of Niobium cavity

Speaker

Dr SHIGEKI KATO

12:00–12:10 **Study on vertical EP with Nb coupon cavity**

Speaker

Dr Vijay Chouhan

12:10–12:30 **Discussion and Summary**

12:30

14:00

WG 4 Cavity Fabrication and Preparation

Session | **Location:** KEK Tsukuba, No.4 Building 2F room244/245

14:00–15:00

Open discussion with cavity fabricators based on questions presented

15:00–16:00 **Lab and Fabricator discussion**

16:00–16:10 **XFEL 3.9GHz cavity fabrication experience**

Speaker

Carlo Pagani

16:10-16:20	SRF activities at MHI Speaker Mr Hiroshi HARA
16:20-16:30	Current status of JINR activity on Linear Colliders Speaker Prof. Grigori Shirkov
16:30-16:40	Hydroforming SRF cavities from seamless Nb tubes Speaker Masashi Yamanaka
16:40-16:50	R&D of advanced fabrication method for HOM coupler Speaker Dr Kiyohiko Nohara
16:50-17:00	New insights into 2nd sound quench evaluation Speaker Mr Yegor Tamashevich
17:00-17:10	Statistical model for field emitter activation on Niobium to estimate the electron loading in high-gradient accelerating structures Speaker Mr Stefan Lagotzky
17:10-17:30	discussion

17:30