

Agenda for the 5th WP15 meeting on 22nd May 2018

in Room 119, Main Building of Riga Technical University.

- **9:00 - 12:30 - 1st year progress**
 - 9:00 Opening – *Oleg Malyshev*
 - 9:00 – 9:20 **Task 15.2.** Sample preparation
 - *Cristian Pira (10')*
 - *Alban Sublet (10')*
 - **9:20 – 10:10 Task 15.3.**
 - Sample deposition and deposited film characterisation
 - *Reza Valizadeh (10')*
 - *Michael Vogel (10')*
 - *Cristian Pira (10')*
 - Status of laser cleaning and polishing facility, sample characterisation - *Artur Medvid (10')*
 - Status of a film characterisation with thermal electron and exoelectron emission – *Aleksej Katasev (10')*
 - **10:15 – 10:30 coffee break**
 - **10:30 – 11:30 Task 15.4.**
 - Status of DC characterisation facilities
 - *Eugen Seiler (20')*
 - *Claire Antoine (5')*
 - *Oleg Malyshev (5')*
 - Status of RF characterisation facilities
 - *Oliver Kugeler (10')*
 - *Walter Venturini Delsolaro (10')*
 - 11:30 – 12:30 – Milestone Report MS50 –
 - *Cristian Pira (30')*
 - Discussion – *all (30')*
 - **12:30 - 14:00 Lunch**

- **14:00 - 18:00** **Planning for the next year**

Information: *MS51: First samples exchanged (system 1 and 2, e.g. NbN and Nb₃Sn and Superconductor-Insulator-Superconductor (SIS) multilayer coating) and deposited at partners (Task 15.3, 15.4)*

D15.2: Evaluation of systems 1 and 2 [month 24, i.e. to be ready by 30th March 2019]. Report on deposition, surface and structural analysis, DC and RF superconductivity evaluation of systems 1 and 2 (e.g. NbN and Nb₃Sn) and Superconductor-Insulator-Superconductor (SIS) multilayer coating (Task 15.3)

- Small samples: for AC/DC evaluation – *Reza Valizadeh to coordinate the discussion:*
 - System 1 samples
 - System 2 samples
 - Who is doing what
- Samples for RF test – *Oliver Kugeler to coordinate the discussion*
 - What samples needed? How many samples can be tested at HZB and CERN? Who provides samples and what samples, where to send and the dates?
 - Sample exchange between HZB and CERN?
 - Discussion – *all*
- Other points
- **Next WP15 meetings.**
 - On 11th Oct 2018 after TF SRF Workshop in LNS/INFN (Italy)?
 - February 2019? Location?
- 17:50 Closing – *Oleg Malyshev*