# International Workshop on Breakdown Science and High Gradient Technology (HG2021)

# Tuesday, 20 April 2021

**Session 3: HG Structure: Design & Tests (07:00 - 12:45)**

**-Conveners: Luigi Faillace; Valery Dolgashev**

| time | [id] title | presenter |
|---|---|---|
| 07:00 | [70] Design consideration and R&D towards high gradient RFQs | GRUDIEV, Alexej |
| 07:30 | [64] Development of brazeless accelerating cavities | JING, Chunguang |
| 08:00 | [65] Welded Cavities | FAILLACE, Luigi |
| 08:30 | [66] A Ka-Band accelerating structure as a linearizer for the Compact Light XLS project | SPATARO, Bruno |
| 09:00 | [67] High Gradient S-Band experiments at IFIC | FUSTER, Nuria |
| 09:30 | Coffee Break | |
| 09:45 | [63] Development and high power testing of C-band accelerator components | Dr SIMAKOV, Evgenya |
| 10:15 | [90] Design, fabrication and cold-testing of DLA structures | WEI, Yelong |
| 10:45 | [68] High power test of mm-wave accelerators | OTHMAN, Mohamed |
| 11:15 | [69] C-band high gradient cryogenic photoinjector research at UCLA | FUKASAWA, Atsushi |
| 11:45 | [71] High gradient, short filling-time parallel-coupled structure | ZHA, Hao |
| 12:15 | [72] Development of an X-band Field Emission RF Gun at Tsinghua University | ZHOU, Liuyuan |