



# The 7th International symposium on Negative Ions, Beams and Sources (NIBS'20)

## Thursday 03 September 2020

### O2 (08:00-12:20)

**-Conveners: Ursel Fantz; Gianluigi Serianni**

| time  | [id] title   | presenter              |
|-------|--|------------------------|
| 08:00 | [63] Are resonance phenomena creating instabilities in the magnetic filter region in a low-temperature plasma?     | SHAH, Miral            |
| 08:20 | [40] Experimental results of 40kW, 1 MHz Solid State High Frequency Power Supply with Inductively Coupled Plasma   | Mr GAJJAR, Sandip      |
| 08:40 | [0] High-intensity polarized and un-polarized H- sources and injector development at BNL                           | Dr ZELENSKI, Anatoli   |
| 09:00 | [8] BTR code for NBI Design and Optimization   | Mrs DLOUGACH, Eugenia  |
| 09:20 | [2] Investigation of the negative ionization of hydrogen particles on metal surfaces with low work function        | Dr GAINULLIN, Ivan     |
| 09:40 | [11] Numerical modeling of the electrons confinement in the multicusp magnetic trap                                | Mr KLENOV, Viktor      |
| 10:00 | Coffee break   |                        |
| 10:20 | [32] Impact of operational parameters on single beamlet deflection in a negative ion source for NBI applications   | HURLBATT, Andrew       |
| 10:40 | [29] Transferring knowledge gained for pulsed extraction at the ELISE test facility to ITER-relevant CW extraction | WÜNDERLICH, Dirk       |
| 11:00 | [56] First operation of SPIDER and 1MV integrated power test in MITICA   | MARCUZZI, Diego        |
| 11:20 | [6] Controlling the Shape of the ISIS H- Penning Ion Source Beam Pulse   | MORAIS SARMENTO, Tiago |
| 11:40 | [20] Experiments on Photo-Assisted O <sup>-</sup> and Al <sup>-</sup> Production with a Cesium Sputter Ion Source  | TARVAINEN, Olli        |