



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

## Wednesday 09 September 2020

### Q4 (01:00-05:00)

-Conveners: Mamiko Sasao; Katsuyoshi Tsumori

time	[id] title	presenter
01:00	[13] 110 mA Operation of J-PARC Cesium RF-Driven H <sup>-</sup> Ion Source	UENO, Akira
01:20	[33] High-speed Emittance Measurements for Beams Extracted from J-PARC RF Ion Source	SHIBATA, Takanori
01:40	[39] Primary electron analysis to improve the negative ion uniformity toward ITER-class long pulse and high power negative ion sources	SHIMABUKURO, Yuji
02:00	[52] Issues in the measured values of Langmuir and photo-detachment probes measuring Cs-seeded plasmas	Prof. TSUMORI, Katsuyoshi
02:20	[47] Steady-state charge-exchange ion source of 10 mA H <sup>-</sup> beam	SHIKHOVTSEV, Igor
02:40	Coffee break	
03:00	[44] Recent Achievements in Studies of Negative Beam Formation and Acceleration in the Tandem Accelerator at Budker Institute	SANIN, Andrey
03:20	[22] Negative Ion Beam Acceleration and Transport in the HV injector prototype	Dr SOTNIKOV, Oleg
03:40	[54] Noise Mitigation Techniques in Thermocouple signals in Negative ion sources with RF and HV transients	TYAGI, Himanshu
04:00	[61] Prediction of negative hydrogen ion density in permanent magnet-based helicon ion source (HELEN) using deep learning techniques	Mr SHUKLA, Vipin
04:20	[55] Design of FPGA based Triggering and Synchronization System (TSS) for Laser Photo Detachment diagnostic in ROBIN	Mr TYAGI, Himanshu