## The 6th International symposium on Negative Ions, Beams and Sources (NIBS'18)

## Monday 03 September 2018

## Poster Session #1 (15:40-17:50)

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[25] Study of the Materials on Plasma Electrode Surface for Negative Ion Extraction in Hydrogen and Deuterium Operation	Mr MASAKI, Shingo	01
[32] Plasma Electrode Structure Suitable for H\$^-\$ Extraction from a Bernas Type Ion Source	Mr ISHIKAWA, Masaki	02
[29] Theoretical models of collisional transport in negative ion source sheath	Dr CAVENAGO, Marco	03
[63] Global Model of Multi-Chamber Negative Hydrogen Ion Sources with Multi-aperture Extraction System	Dr VEITZER, Seth	04
[67] Modelling and optimization of neutral beam injectors for fusion neutron source "DEMO-FNS"	Dr ANANYEV, Sergey	05
[88] Analysis of Plasma Impedance in the Linac4 H- Source	Ms KOBAYASHI, Wakaba	07
[76] Numerical Simulation for the Development of DC Arc-discharge Hydrogen Negative Ion Source for Medical Use	Mr YAMADA, Shota	08
[58] Evaluation of the temperature dependance of the Cesium deposition on the plasma grid in the JT-60 negative ion source	Dr YOSHIDA, Masafumi	09
[59] Observation of low frequency oscillation in a filament-arc-based negative ion source	Dr NAGAOKA, Kenichi	10
[43] Langmuir Probe Investigations of Different Magnetic Filter Field Configurations at BATMAN Upgrade	Dr SCHIESKO, Loic	12
[71] Studies on the voltage hold off of the SPIDER driver coil at high RadioFrequency power	RECCHIA, Mauro	13
[36] Development of the Cs-seeded RF negative ion beam source in Korea	Dr PARK, Min	14
[74] Inductive RF drivers for neutral beam injectors at BINP	Dr SHIKHOVTSEV, Igor	15
[110] Calorimeters for high power ion and neutral beam injectors	Dr DEICHULI, Petr	16
[83] Thermal characterization of the SPIDER diagnostic calorimeter	Dr PIMAZZONI, Antonio	17
[98] Diagnostics of Caesium emission from SPIDER caesium oven prototype	Dr SARTORI, Emanuele	18
[107] Design of the Calorimeter for High-Power RF Negative Ion Source	Ms YAN, Wendou	19
[41] Experimental investigation of a high power long-pulse neutral beam profile diagnostic based on secondary electron emission	Mr BARKALOV, Kirill	20
[101] Initial results of optical emission spectroscopy based on a collisional radiative modeling in the RF hydrogen negative ion source in NFRI	Dr NA, Byungkeun	21
[91] High Voltage Negative Ion Beam Injector for Tandem Accelerator	Dr SANIN, Andrey	23
[108] Development of power supplies systems for CW negative ion sources at BINP	Dr SAVKIN, Valery	24
[47] Improvements in D– ion extraction in a multicusp ion source	Mr GEORGE, Anand Mathai	25

[102] RF system test for CSNS external antenna negative hydrogen ion source	Dr CHEN, Weidong	26
[53] Research and development of power feed-in system for RF negative ion source on ASIPP	Mr JIANG, Caichao	30
[66] Electromagnetic and thermal analyses of Faraday shield of various materials and structures for a ICP source	CHEN, Peng	31