

Tuesday 4 October

Poster session 1

17:00

61 - Summary of caesium evaporation and deposition during SPIDER's first campaign	Michele Fadone
51 - Effect of plasma grid and bias plate biasing on the SPIDER negative ion beam	matteo agostini
53 - Comparison among possible design solutions for the Stray Field Shielding System of the DTT Neutral Beam Injector	Fabio Veronese
43 - Study on the stitching method of beam target infrared image based on local transformation	Dr yongjian xu et al
39 - Influence of plasma parameters on the effectiveness of multi-cusp magnetic field confinement in negative ion sources	Valeria Candeloro
35 - Design and test of a module of a breathable Electrostatic Shield for the MITICA 1 MV negative Ion Beam Source	Giuseppe Chitarin
18:00	
34 - Investigations on Cs dispersion and Mo coating on SPIDER components	Ms Caterina Cavallini et al
33 - Study and development of diagnostic systems to characterise the extraction region in SPIDER	Beatrice Segalini
45 - Optimization of a negative oxygen ion beam	Jia Han
30 - Observation of beamlet displacement and parallelism in NIO1	Margherita Ugoletti et al
29 - Numerical and experimental investigations of a microwave interferometer for the negative ion source SPIDER	Dr Riccardo Agnello
21 - Drift and non-uniformity mitigation in H- source with Plasma Ion Funnels	Vincenzo Variale
19 - Direct current measurements of the SPIDER beam: a comparison to existing beam diagnostics	Alastair Shepherd
67 - Three-dimensional calculations of the inductive coupling between radio-frequency waves and plasma in the drivers of the SPIDER device	Daniel López-Bruna
17 - Influence of different magnetic configurations on plasma parameters in SPIDER device	Roman Zagorski
16 - Numerical study of the plasma meniscus shape and beam optics in RF negative ion sources	Mr Katsuya Hayashi
13 - Creating negative ion beams from neutral gases using a negative Hydrogen ion source	Andrew Paul
9 - Continuous pulse advances in the negative ion source NIO1	Dr Marco Barbisan
19:00	
64 - Development of a Negative Helium Ion Source with Non-Metallic Charge Exchange	Philip Jackle

Thursday 6 October

Poster session 2

08:00

85 - Characteristics of co-extracted electrons reduction for the Cs-free negative ion source using TPDsheet-U	Taiga Goka
83 - Overview of MITICA diagnostics design and procurement	Roberto Pasqualotto
81 - Energy distribution of fragments in H2 dissociation by electron impact for the use in numerical models	emanuele sartori
79 - Characteristics of extracted negative ion beam using electron emitters on the Cs-free negative ion source TPDsheet-U	Ryuichi Onuma
78 - Development of Cs-injection System for KFE RF hydrogen Negative Ion Beam Source	Byungkeun Na
77 - Laser Powder Bed Fusion: an innovative production method for creating components and devices for Nuclear Physics	Ms Silvia Candela et al.
09:00	
76 - Effects of different particle injection models on the results of PIC simulation	Hongyu Wu
75 - The Effect of Beam Chopping on the Emittance Growth of Negative Hydrogen Ion Beam	Hui Li
71 - The impact of neutral beam parameters on current drive and neutron yield in DEMO-FNS	Pierluigi Veltri
18 - Characterization of the Plasma in SPIDER using a Cs-H Collisional Radiative model	Basile Pouradier Duteil
65 - Volume and surface effects in Cs-free regimes in NIO1	Marco Cavenago
63 - Work Function Measurements in BATMAN Upgrade using LEDs Revealing Remarkably Low Values	Jacob M Berner
62 - H- Beam formation simulation in negative ion source for CERN's Linac4 accelerator	Anna Vnuchenko
57 - USE OF ELECTRICAL MEASUREMENTS FOR NON-INVASIVE ESTIMATION OF PLASMA ELECTRON DENSITY INSIDE THE DRIVER OF SPIDER	Dr Palak Jain
38 - Spider plasma emission between 300 nm and 900 nm in different operative conditions	Barbara Zaniol
47 - Highly electronegative plasma conditions in the SPIDER negative ion source	Carlo Poggi et al.
31 - Study of the relationship between the source complexity and the beam divergence and homogeneity in SPIDER	Margherita Ugoletti
10:00	
44 - Preliminary design of tungsten wire calorimeter for CRAFT NNBI	Mrs ling yu
93 - Laser-assisted negative ion production in caesium sputter ion source	Akbar Hossain