

Monday, 14 March (Villi Meeting Room)		
08:30-09:30		Registration
09:30-09:40		Welcome and introductory remarks (M. Cavenago)
Morning session (Chair: P. Veltri)		
09.40-10.10	I1	Invited: <i>Powerful RF ion sources for fusion</i> (U. Fantz)
10.10-10.40	I2	Invited: <i>Development of a 1 MeV electrostatic accelerator for fusion application at JAEA</i> (M. Hanada / M. Kashiwagi)
10.40-11:00	O3	<i>Determination of plasma parameters via optical emission spectroscopy at CERN's Linac4 H- ion source</i> (S. Briefi)
11:00-11:20	Coffee break	
11:20-12:00	I4	Invited: <i>Development, injection and diagnostics for LHD Injectors</i> (K. Tsumori)
12:00-12:30	O5	<i>Status of NBI for ITER and the related test facility</i> (G.Serianni)
12:30-13:00	D1	Discussion: new concept and spin-off of fusion injectors
13.00-14.00	Lunch	
Afternoon session (Chair: V. Antoni)		
14:00-14:10		Bus to Consorzio RFX
14:10-16:00		Visit to Consorzio RFX (convener: V. Antoni)
16:00-16:10		Bus back to LNL (please be on time boarding bus)
16:10-16.35	Coffee break	
16:35-16:50	O6	Welcome and introduction to LNL (G. Fiorentini, LNL Director)
16:50-17:20	I7	Invited: <i>The Applications of Particle Accelerators in Europe (APAE)</i> (A. Faus-Golfe)
17:20-17:50	I8	Invited: <i>Double beam satellite propulsion</i> (D. Rafalskyi/ A. Aanesland)
17:50-18.20	O9	<i>Progresses about Microwave Discharge Ion Sources for high intensity protons and light ions' beams production at INFN-LNS</i> (S. Gammino)
18.20-18.40	O10	<i>Review of LNL Accelerators for Applied Physics: AN2000, CN and related experiments</i> (S. Canella)
18:40-19:15	D2	Poster highlights; free discussion
19.15		Bus to the Restaurant
19:30-22:30		Working dinner
23.00		Bus back to Padova hotels

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Tuesday, 15 March (Villi Meeting Room)

Morning session (Chair: A. Faus-Golfe)

09:00-09:35	I11	Invited: <i>FFAG for radioisotope production</i> (D. Bruton)
09:35-10:10	O12	<i>High power-low energy accelerators for neutron production: MUNES and IFMIF-EVEDA case</i> (E. Fagotti)
10:10-10:45	I13	Invited: <i>Particle accelerators for the production of medical radioisotopes</i> (A. Duatti)
10:45-11:00		Conference photo
11:00-11:20	Coffee break	
11:20-11:50	I14	Invited: <i>Experience with a high power cyclotron for radioisotope production</i> (F. Poirier)
11:50-12:20	O15	<i>Status of the High Intensity Proton Beam Facility at LNL</i> (M. Maggiore)
12:20-13:00	D3	Discussion: application of accelerators
13:00-14:00	Lunch	
14:00-14:30		Visit to LNL - High Intensity Proton Beam Facility (SPES)
Afternoon session (Chair: M. Cavenago)		
14:30-15:00	O16	<i>Perspectives about the production of multiply-charged ions at high intensities: Innovative schemes of microwave-to-plasma matching</i> (D. Mascali)
15:00-15:20	O17	<i>Recent results of NIO1 negative ion source and future improvements</i> (P. Veltri)
15:20-16:00	D4	Discussion: industrial application of intense negative ion source
16:00-16:20	Coffee break	
16:20-16:50	I18	Invited: <i>Thruster for satellite propulsion and negative ions</i> (F. Taccogna)
16:50-17:20	D5	Discussion on dissemination of result and/or next workshop
17:20-17:30	D5	Closing remarks
17.40		Bus back to Padova hotels

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Please, handle your slide presentation (ppt or pdf) to Chair session desk before session

NOTES

- 1) please contact us if timing of talks need important changes; please check website for updates
- 2) Activity classification: I = invited oral presentation; O = oral presentation; P = poster presentation; D = discussions (possibly with brief documents presented and attached)
- 3) During discussions, short presentations (3 slides max) can be shown by interested participants (please upload files and inform session chair during coffee breaks)
- 4) Speakers' allotted times include times for brief discussion; Invited 30 min talks: 25 min+5 min discussion; contributed talks: 16 min+4 min discussion; posters should be posted on 14 March before 16.30 and can stand all time

Wednesday, 16 March (Ceolin Meeting Room)

09:30-13:00	D6	Workgroup on simulations (conveners: F. Taccogna, M. Cavenago): plasmas vs high current beams.
14:00-16:30	D7	Workgroups (conveners: F. Taccogna, M. Cavenago, P. Veltri): cesium in simulations; new concepts; free discussion.

Posters (Cafeteria Hall)

P1	Recent results of NIO1 negative ion source and future improvements (P. Veltri; also talk O17)
P2	New thermal neutron source at LNL (E. Fagotti)
P3	High current negative ion source with Planar Funnel extraction grid (V. Variale)
P4	Surface dependence for laser - induced target current by plastic materials (E. Giuffreda)
P5	High current storage rings for neutral beam injectors (M. Cavenago)
P6	Beam optics studies for neutralizer storage rings (M. Cavenago)
P7	Review of LNL Accelerators for Applied Physics: AN2000, CN and related experiments (S. Canella; also talk O10)