

## Tuesday 23 October 2018

	<b>Chair: M. Kalal</b>
09:00-09:25	<b>I-11. Najmudin Z.</b> Development and applications of betatron radiation sources
09:25-09:50	<b>I-12. Hoffmann D.H.H.</b> <i>From inertial fusion energy to accelerator driven high energy density physics</i>
09:50-10:15	<b>I-13. Guskov S.</b> <i>Inertial fusion sciences in P.N. Lebedev Physical Institute: achievements and prospects</i>
10:15-10:40	<b>I-14. Cipriani M.</b> <i>Ablation pressure driven by high-power laser irradiation of subcritical and overcritical density foams</i>
10:40-11:05	<b>I-15. Consoli F.</b> <i>Characterization of electromagnetic pulses generated by interaction of nanosecond-scale lasers with matter</i>
11:05-11:30	<b>Coffee break</b>
	<b>Chair: D. H. H. Hoffmann</b>
11:30-11:45	<b>O-10. Astbury S.,</b> Spindloe C., Harman L., Kettle B., Mangles S., Robins W., Sykes P., Tolley MK <i>Development of patterned tape-drive targets for high rep-rate HPL experiments</i>
11:45-12:00	<b>O-11. Haddock D.,</b> Spindloe C., Tolley M., Parker T. <i>Density grading of Diamond-Like Carbon foils for laser driven ion experiments</i>
12:00-12:15	<b>O-12. Bradford P. W.,</b> Woolsey N.C., Scott G.G., Liao G., Liu H., Zhang Y., Zhu B., Armstrong C., Astbury S., Brenner C., Brummitt P., Consoli F., East I., Gray R.J., Haddock D., Huggard P., Jones P.J.R., Montgomery E., Musgrave I., Oliveira P., Rusby D.R., Spindloe C., Summers B., Zemaityte E., Zhang Z., Li Y., McKenna P., Neely D. <i>EMP control and characterization on high-power laser systems</i>
12:15-12:30	<b>O-13. Ebert T.,</b> Neumann N.W., Roth M., Döhl L.N.K., Jarrett J., Baird C., Heathcote R., Hesse M., Hughes A., McKenna P., Neely D., Rusby D. <i>Micro-structured silicon targets for enhanced light absorption in laser-driven particle acceleration experiments</i>
12:30-12:45	<b>O-14. Serebryakov D.A.,</b> Volkova T.M., Nerush E.N., Kostyukov I.Yu. <i>Microstructured targets for efficient laser electron acceleration</i>
12:45-13:00	<b>O-15. Bychenkov V.Yu.,</b> Bochkarev S.G., Brantov A.V., Lobok M. G. <i>Laser acceleration of charged particles from low-density targets for nuclear applications</i>
13:00-13:15	<b>O-16. McIlvenny A.,</b> Doria D., Romagnani L., Ahmed H., Martin P., Williamson S., Ditter E.J., Ettlinger O., Hicks G., Neely D., Kar S., McKenna P., Najmudin Z., Borghesi M. <i>Energy scaling and ion dynamics in the radiation pressure dominated acceleration of ultra-thin foils</i>
13:15 - 13:30	<b>O-17. Morabito A.,</b> Scisciò M., Barberio M., Migliorati M., Antici P. <i>Design and optimization of a dedicated laser driven proton hybrid beam line for cultural heritage applications</i>
13:30-13:45	<b>O-18. Ahmed H.,</b> Kar S., Hadjisolomou P., Brauckmann S., Doria D., Alejo A., Hodge T., Prasad R., Cerchez M., Willi O., Borghesi M. <i>Collimated beams of high-energy protons guided by intense-laser driven helical coil targets</i>
13:45-14:00	<b>O-19.</b> Barberio M., Scisciò M., Vallières S., Veltri S., <b>Antici P.</b> <i>Laser-Generated Particles for Advanced Material Science</i>

14:00-15:00	<b>Lunch break</b>
	<b>Chair: S. Guskov</b>
15:00-15:15	<b>O-20. Oliveira P.</b> , Addis S., Gay J., Ertel K., Galimberti M., Musgrave I. <i>Control of temporal shape on ns long lasers via feedback loops</i>
15:15-15:30	<b>O-21. Oliveira P.</b> , Galletti M., Archipovaite G., Galimberti M., Musgrave I.O., Pepler D., Winstone T.B, Hernandez–Gomez C. <i>New fully OPCPA petawatt class beamline for Vulcan laser facility</i>
15:30-15:55	<b>I-16. Borisenko N.</b> <i>Research laser targets developed by LPI for fundamental experiments and for future energy prospects</i>
15:55-16:20	<b>I-17. Saunders A.</b> <i>X-Ray thomson scattering from shock-compressed diamond spheres on the OMEGA laser</i>
16:20-16:45	<b>I-18. Lundh O.</b> <i>Tunable laser-plasma acceleration and X-ray generation</i>
16:45-17:10	<b>I-19. Vieira J.</b> <i>Laser plasma acceleration of relativistic vortex electron beams</i>
17:10-17:35	<b>I-20. Gizzi L.A.</b> <i>Laser developments for user oriented laser-plasma accelerators</i>
17:35-19:50	<b>Coffee break</b> <b>POSTER SESSION</b>