| Thursday 25 October 2018 | |
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| | **Chair: M. Murakami** |
| 09:00-09:25 | **I-26.Tikhonchuk V. T.**<br>*Generation of strong magnetic fields with lasers: from nano- to picoseconds* |
| 09:25-09:50 | **I-27. Korneev P.**<br>*All-optical generation of magnetized plasma structures* |
| 09:50-10:15 | **I-28. Gregori G.**<br>*Experimental measurements and modelling of static and dynamic properties of warm dense matter* |
| 10:15-10:40 | **I-29. Kourakis I.**<br>*Nonlinear waves and shock structures in beam interactions with high-density plasmas: overview of recent results* |
| 10:40-10:55 | **O-32. Mendonça J.T.,** Terças H., Rodrigues J.D.<br>*Search for Dark Matter using Ultra-Intense Lasers* |
| 10:55-11:10 | **O-33. Blackman D.R.,** Nuter R., Korneev Ph., Tikhonchuk V.T.<br>*Kinetic Plasma Waves Carrying Orbital Angular Momentum* |
| 11:10-11:35 | **Coffee break** |
| | **Chair: N. M. Bulgakova** |
| 11:35-11:50 | **O-34. Nuter R.,** Korneev P., Thiele I., Tikhonchuk V.T.<br>*A plasma solenoid driven by a OAM laser beam* |
| 11:50-12:05 | **O-35. González de Alaiza Martínez P.,** Duchateau G., Chimier B., Nuter R., Thiele I., Skupin S., Tikhonchuk V.<br>*Modeling highly nonparaxial propagation of ultrashort laser pulses* |
| 12:05-12:20 | **O-36. Rusby D.R.,** Armstrong C., Neely D., McKenna P.<br>*Study of internal electron dynamics and the effect of rear surface sheaths on refluxing electrons using numerical simulations* |
| 12:20-12:35 | **O-37. Golovanov A.A.,** Kostyukov I.Yu., Artemenko I.I.<br>*Ionization in extremely intense laser fields* |
| 12:35-12:50 | **O-38. Teubner U.,** Büscher M., Höppner H., Tkachenko V., Medvedev N., Rossi G.M., Capotondi F., Finetti P., Callegari C., Pedersoli E., Nikolov I., Danailov M., Giannessi L., Prandolini M., Toleikis S., Ziaja B., Mecseki K., Windeler M. and Tavella F.<br>*Time resolved ionization measurements with intense ultrashort XUV and X-ray free-electron laser pulses* |
| 12:50-13:05 | **O-39. Kaur C.,** Chaurasia S., Singh N., Aggarwal S., Mohan M., Deo M.N.<br>*L-shell spectroscopy of Neon and fluorine like copper ions from laser produced plasma* |
| 13:05-13:20 | **O-40. Fronya A.A.,** Puzyrev V.N., Sahakyan A.T., Starodub A.N., Yakushev O.F.<br>*Emission of the nanosecond plasma on harmonic frequencies for solid-state targets* |
| 13:20-13:35 | **O-41. Bartnik A.,** Skrzeczanowski W., Wachulak P., Fiedorowicz H., Fok T.<br>*EUV induced plasmas created using laser-produced plasma radiation sources* |
| 13:35-14:00 | **I-30. Danson C.**<br>*The status of petawatt class lasers worldwide and future directions* |
| 14:00-15:05 | **Lunch break** |

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| | **Chair: G. Gregori** |
| 15:05-15:30 | **I-31. Bulgakova N.M.**<br>*Laser-matter interaction in new regimes of material processing: Toward more knowledge and better control* |
| 15:30-15:55 | **I-32. Janulewicz K.A.**<br>*Laser microexplosion–a source of extreme state of matter* |
| 15:55-16:20 | **I-33. Dimitriou V.**<br>*Advanced modeling & simulation methods for lasers and plasma* |
| 16:20-16:45 | **I-34. Szatmári S.**<br>*Generation of intense UV pulses of extremely high contrast* |
| 16:45-17:10 | **I-35. Grech M.**<br>*SMILEI: A collaborative, open-source, multi-purpose particle-in-cell code for plasma simulation* |
| 17:10-19:25 | **Coffee break**<br>**POSTER SESSION** |
| 21:00 | **Gala dinner** |