

## Monday 22 October 2018

09:00-09:30	<b>Registration</b>
09:30-10:00	<b>Opening ceremony.</b> Welcoming speeches
	<b>Chair: M. Tatarakis</b>
10:00-10:25	<b>I-1. Carpintero-Santamaria N.</b> <i>Professor Guillermo Velarde and the Madrid Manifesto: A leap forward in ICF scientific collaboration</i>
10:25-10:50	<b>I-2. Perlado Martin J. M., Minguez E.</b> <i>The "Instituto de Fusión Nuclear" and its role in inertial confinement fusion research</i>
10:50-11:15	<b>I-3. Eliezer S.</b> <i>The laser induced proton-boron<sup>11</sup> reaction: A good candidate for clean fusion</i>
11:15-11:40	<b>I-4. Minguez E.</b> <i>Historical development of atomic physics computer codes at the instituto de Fusión nuclear</i>
11:40-12:05	<b>I-5. Rakitzis P.</b> <i>Towards polarized laser fusion</i>
12:05-12:30	<b>Coffee break</b>
	<b>Chair: N. Carpintero-Santamaria</b>
12:30-12:45	<b>O-1. Demchenko N.N., Gus'kov S.Yu., Kuchugov P.A., Rozanov V.B., Stepanov R.V., Yakhin R.A., Zmitrenko N.V.</b> <i>Compression and burning of direct-drive targets under the conditions of space and time laser irradiation inhomogeneity</i>
12:45-13:00	<b>O-2. Glazyrin S.I., Brantov A.V., Bychenkov V.Yu.</b> <i>Kinetic models for transport and wave processes in ICF plasma</i>
13:00-13:15	<b>O-3. A. Andreev, Z. Lecz, S. K. Mishra</b> <i>Ultrashort pulse generation and amplification in the shaped laser plasmas</i>
13:15-13:30	<b>O-4. Horný V., Petrzilka V., Krůs M.</b> <i>Short electron bunches generated by perpendicularly crossing laser pulses: tuning of their fundamental parameters</i>
13:30-13:45	<b>O-5. Brack F.-E., Kroll F., Metzkes-Ng J., Gaus L., Kraft S., Schlenvoigt H.-P., Karsch L., Pawelke J., Zherlitsyn S., Herrmandörfer T., Zeil K., Schramm U.</b> <i>Pulsed high-field magnets for a laser-driven (medical) ion beamline and laboratory astrophysics</i>
13:45-14:00	<b>O-6. Kado M., Ejima T., Kishimoto M., Fujioka S., Sakawa Y., Shinohara K.</b> <i>Strong enhancement of soft x-ray emissions from laser-produced Au plasmas in gas filled environment</i>
14:00-14:15	<b>O-7. Scuderi V., Milluzzo G., Petringa G., Giuffrida L., Velhyan A., Picciotto A., Verona C., Leanza R., Schillaci F., Dostal J., Krasa J., Cuttone G., Korn G., Margarone D., Cirrone G.A.P.</b> <i>High alpha particle yield in laser induced p-B fusion reaction</i>
14:15-15:30	<b>Lunch break</b>

	<b>Chair: S. Eliezer</b>
15:30-15:45	<b>O-8. Ter-Avetisyan S.</b> <i>Ion Acceleration with PW-lasers, progress and perspectives</i>
15:45-16:00	<b>O-9. Ter-Avetisyan S., Schnürer M., Tikhonchuk V.</b> <i>New source of energetic negative ion and neutral atom beams</i>
16:00-16:25	<b>I-6. Mckenna P.</b> <i>High energy protons from foils undergoing relativistic induced transparency</i>
16.25-16:50	<b>I-7. Nam C.H.</b> <i>Investigation of near critical density plasmas driven by a PW laser</i>
16:50-17:05	<b>Coffee break</b>
	<b>Chair: R. De Angelis</b>
17:05-17:30	<b>I-8. Zepf M.</b> <i>Evidence of strong radiation reaction in the field of an ultra-intense laser</i>
17:30-17:55	<b>I-9. Badziak J.</b> <i>Towards ultra-intense ultra-short ion beams driven by a multi-PW laser</i>
17:55-18:20	<b>I-10. Veisz L.</b> <i>Few-cycle-laser-driven electron acceleration</i>