

**POSTER SESSION, Tuesday 23 & Thursday 25 October 2018**

P-1	<b><u>Papp D., Kamperidis C.</u></b> <i>Self-induced ionisation injection LWFA and generation of sub-fs electron bunches with few cycle sub-TW laser pulses</i>
P-2	<b><u>Petrakis P., Andrianaki G., Bakarezos E., Clark E. L., Fitis I., Grigoriadis A., Moustazis S. D., Papadogiannis N., Perrakis K., Petrakis S., Ploumistakis I., Pologiorgi I., Tatarakis M., Tazes I.</u></b> <i>CPPL(1) and IMSLP(2) Research Activities within HELLAS-CH Project</i>
P-3	<b><u>Vais O. E., Thomas A. G. R., Maksimchuk A., K. Krushelnick, Bychenkov V. Yu.</u></b> <i>Direct proton acceleration as a method for measurement of laser pulse intensity</i>
P-4	<b><u>Serebryakov D. A., Nerush E. N., Kostyukov I. Yu.</u></b> <i>Electron acceleration and synchrotron gamma ray generation during laser-solid interaction in grazing incidence regime</i>
P-5	<b><u>Rączka P., Cikhardt J., Pfeifer M., Krása J., Krůs M., Pisarczyk T., Badziak J.</u></b> <i>Measurement of strong electromagnetic pulses generated from solid targets irradiated by a sub-ns 3 TW laser</i>
P-6	<b><u>Rupasov A. A., Bolkhovitinov E. A., Gospodinov G. A., Ivanov K. A., Savel'ev-Trofimov A. B.</u></b> <i>Polarointerferometer for laser plasma diagnostics with femtosecond temporal resolution</i>
P-7	<b><u>Sakagami H., Habara H., Yoshimoto M., Tanaka K. A.</u></b> <i>Effects of multi ion species on plasma channeling by ultrahigh intense laser in fast ignition</i>
P-8	<b><u>Mašlářová D., Horný V., Krůs M.</u></b> <i>Bubble dynamics in the bubble regime of laser wakefield acceleration</i>
P-9	<b><u>Sasorov P. V., Bobrova N. A., Olkhovskaya O. G., Bagdasarov G. A., Boldarev A. S., Gasilov V. A., Bulanov S. S., Gonsalves A. J., Schroeder C. B., Esarey E., Leemans W. P., Nevrkla M., Levato T., Margarone D., Korn G., Bulanov S. V.</u></b> <i>Study of plasma channel formation by knife-like nanosecond laser beam</i>
P-10	<b><u>Bartnik A., Jach K., Janulewicz K. A., Wachulak P., Fiedorowicz H.</u></b> <i>Interaction of intense nanosecond pulses of extreme ultraviolet (EUV) with gases and solids</i>
P-11	<b><u>Hata M., Sano T., Sakagami H., Sentoku Y., Nagatomo H.</u></b> <i>Inhibition mechanism of high-intense laser propagation into strongly magnetized dense plasma</i>
P-12	<b><u>Vyskočil J., Klimo O., Weber S.</u></b> <i>Bremsstrahlung and inverse Compton scattering in interactions of traintense laser pulse with foil targets</i>
P-13	<b><u>Golovanov A. A., Lebedev V. S., Kostyukov I. Yu.</u></b> <i>Gas cell for laser-wakefield acceleration at PEARL facility</i>
P-14	<b><u>Nakamura T.</u></b> <i>Radiation reaction with quantum effects on an electron under intense laser field</i>
P-15	<b><u>Bochkarev S. G., d'Humieres E., Tikhonchuk V.T., Korneev Ph., Sklizkov G.V., Bychenkov V.Yu.</u></b> <i>Electron acceleration as a result of stochastic instability in EM field of intense laser waves</i>

P-16	<b>Matys M., Klimo O., Psikal J., Bulanov S. V.</b> <i>Laser pulse contrast and ion acceleration enhancement using a plasma shutter</i>
P-17	<b>Pologiorgi I., Moustazis S. D., Perrakis K., Ploumistakis I., Petrakis P.</b> <i>Laser based combined systems for detection of contraband hazardous and Illicit materials</i>
P-18	<b>Lécz Zs., Andreev A.</b> <i>Electron-positron pair creation in ultra-intense laser-solid interactions</i>
P-19	<b>Petrakis S., Orphanos Y., Ftilis I., Clark E. L., Dimitriou V., Bakarezos M., Tatarakis M., Benis E.P., Papadogiannis N.A.</b> <i>High harmonics generation and characterization using the Zeus laser at CPPL</i>
P-20	<b>Kaselouris E., Orphanos Y., Kosma K., Dimitriou V., Bakarezos M., Tatarakis M., Papadogiannis N.A.</b> <i>Surface Acoustic Waves generated on thin films after irradiation by femtosecond laser pulses</i>
P-21	<b>Andrianaki G., Grigoriadis A., Tazes I., Clark E. L., Ftilis I., Petrakis S., Skoulakis A., Kaselouris E., Maris T.G., Tsiapa I., Bakarezos M., Nikolos I. K., Dimitriou V., Benis E. P., Papadogiannis N. A., Tatarakis M.</b> <i>Energetic particles source using the Zeus 45 TW laser at CPPL</i>
P-22	<b>Koundourakis G., Skoulakis A., Kaselouris E., Ftilis I., Bakarezos M., Clark E.L., Chatzakis J., Vlahakis N., Papadogiannis N.A., Dimitriou V., Tatarakis M.</b> <i>Computational study of plasma dynamic evolution produced by low current table-top pinch plasma devices</i>
P-23	<b>I. Ploumistakis, S. D. Moustazis, I. Tsohantjis</b> <i>Investigations on gamma-ray production by laser-electrons interaction within HELLAS_CH project - future experiments on pair generation</i>