

POSTER LIST

ELI-ALPS 2nd User Workshop

11-12 September, 2014
Szeged, Hungary

31	R. Balog, L. Abrok, P. Herczku, S. Kovacs, D. Hatvani, A. Kover, and S. Ricz	<i>Upgrade of ESA-22 electrospectrometer</i>
32	J.A. Fulop, Z. Ollmann, Cs. Lombosi, Gy. Polonyi, B. Monoszlai, L. Palfalvi, G. Almási, and J. Hebling	<i>Cutting-Edge Terahertz Sources. The Terahertz Facility at ELI-ALPS</i>
33	C. Vicario, B. Monoszlai, and C.P. Hauri	<i>GV/m Single-Cycle Terahertz Fields from a Laser-Driven Large-Size Partitioned Organic Crystal</i>
34	A. Szalai, E. Csapo, L. Toth, A. Somogyi, I. Dekany, and M. Csete	<i>Standing and propagating plasmonic modes on arrays of nanoparticle aggregates</i>
35	G. Szekeres, A. Szenes, G. Szabo, and M. Csete	<i>Improvement of infrared single-photon detectors absorptance and polarization-contrast via plasmonic structure configurations</i>
36	G.P. Djotyan, J.S. Bakos, Zs. Sorlei, D. Dzsotjan, M.A. Kedves, B. Raczkevi, K. Varga-Umbrich	<i>Coherent control by phase modulated short laser pulses: Application in high-order harmonics generation and acceleration of particles</i>
37	A. Sipos, A. Somogyi, G. Szabo, M. Csete	<i>Interferometric illumination of colloid sphere monolayers for complex plasmonic array fabrication and spectral engineering</i>
38	T. Susanyi	<i>New science and innovation park located next to Szeged's ELI "superlaser"</i>
39	A. Czirkak, Sz. Hack, Sz. Majorosi, and M.G. Benedict	<i>Optical tunneling and quantum entanglement</i>
40	J. Andreasson	<i>Applications in Molecular, Biomedical and Materials Sciences at ELI Beamlines</i>
41	S. Zherebtsov	<i>Attosecond control and tracing of electron dynamics in isolated nanosystems</i>

1	L.J. Fulop, T. Mosoni, S. Brockhauser	<i>Extreme Light Infrastructure – Attosecond Light Pulse Source – IT Conceptual Design</i>
2	C.L. Arnold, F. Brizuela, F. Calegari, D. Charalambidis, Zs. Diveki, P. Dombi, J.A. Fülöp, Ch.M. Heyl, A. L'Huillier, P. Johnsson, S. Kahaly, M. Kalashnikov, R. Lopez-Martens, M. Nisoli, K. Osvay, F. Quere, E. Racz, P. Rudawski, G. Sansone, P. Tzallas, K. Varju	<i>Gas and Solid Target High Harmonic Generation Beamlines of ELI-ALPS</i>
3	G. Almási, D. Charalambidis, Zs. Diveki, P. Dombi, J. A. Fülöp, J. Hebling, M. Kalashnikov, I. Kocsis, R. Lopez-Martens, K. Osvay, E. Racz, G. Sansone, J. Schreiber, K. Varju, L. Veisz	<i>Novel Attosecond Sources and THz Laser Beamlines at ELI-ALPS</i>
4	P. Antici, S. Banerjee, M. Baudisch, J. Biegert, A. Borot, A. Borzsonyi, D. Charalambidis, E. Cormier, T. Ditmire, Zs. Diveki, P. Dombi, K. Ertel, M. Galimberti, J.A. Fülöp, E. Gaul, C. Haefner, M. Hemmer, C. Hernandez-Gomez, S. Kahaly, M. Kalashnikov, D. Kandula, A.P. Kovacs, N. Lopes, R. Lopez-Martens, P. Mason, I. Márton, I. Musgrave, K. Osvay, M. Prandolini, E. Racz, P. Racz, R. Riedel, I.N. Ross, J.-P. Rousseau, G. Sansone, M. Schulz, F. Tavella, A. Thai, Z. Varallyay, K. Varju, I. Will	<i>Laser Systems for the ELI-ALPS Facility</i>
5	Zs. Lecz	<i>Laser ion acceleration at ELI-ALPS</i>

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6	A. Borzsonyi, A. Drozdy, M. Kalashnikov, K. Osvay, D. Tatrai	<i>Cross-correlator for measurement of the temporal contrast of ps green pump pulses</i>
7	A. Drozdy, Z. Varallyay	<i>All-fiber ytterbium ring oscillator</i>
8	M. Gstalter, A. Borzsonyi, A. Andrasik, A.P. Kovacs, K. Osvay	<i>An experimental study on the single-shot two-dimensional angular dispersion measurement</i>
9	D. Papp	<i>Laser probing diagnostics for Z-pinch driven dense plasma sources</i>
10	E.R. Szabo, I. Plangar, T. Tokes, Z. Szabo, G. Fekete, K. Hideghety	<i>Zebrafishembryo model for testing potential radioprotective agent</i>
11	B. Farkas, K. Varju, Zs. Diveki, and P. Tzallas	<i>HHG beamline at University of Szeged</i>
12	V. Chvykov, M. Kalashnikov, K. Osvay	<i>Final EDP Ti: Sapphire Amplifiers for ELI – Project</i>
13	Zs. Lecz and A. Sharma	<i>Laser ion acceleration at ELI-ALPS</i>
14	S. Varro	<i>The collective near-field, induced by a strong laser radiation at an interface</i>
15	K. Hideghety, E.R. Szabo, R. Polanek	<i>Laser driven ionising radiation for cancer treatment</i>
16	R. Polanek, E.R. Szabo, K. Hideghety	<i>Laser accelerated electron and ion beam monitoring and dosimetry for radiobiological research</i>
17	P. L. Poole, R.J. Hanna, C.D. Andreck, D.W. Schumacher	<i>Liquid crystals as variable thickness targets for high repetition rate intense laser applications</i>
18	G.M. Archipovaite, R. Butkus	<i>Generation and parametric amplification of broadband pulses at 2 μm</i>

19	A. Maksimchuk, S. Kneip, F.J. Dollar, K. Behm, J. Cole, P. Cummings, T. Matsuoka, C. McGuffey, W. Schumaker, M. Vargas, J. Woods, Z. Zhao, C. Zulick, V. Chvykov, G. Kalintchenko, S. P. D. Mangles, Z. Najmudin, L. Willingale, V. Yanovsky, A.G.R. Thomas, and K. Krushelnick	<i>A review of X-ray generation from Hercules in high-intensity laser-plasma interactions</i>
20	Z. Tibai, Gy. Toth, Zs. Nagy-Csiha, M. I. Mechler, J.A. Fulop, G. Almasi, and J. Hebling	<i>Proposal for carrier-envelope-phase stable single-cycle attosecond pulse generation in the extreme-ultraviolet range</i>
21	P. Kapetanopoulos, O. Kelly, M. JJ Vrakking, M. NR Ashfold	<i>Velocity Map Imaging: advanced instrumentation</i>
22	K. Holste, A.A. Borovik, Jr., T. Buhr, S. Ricz, A. Kover, D. Bernhardt, S. Schippers, D. Varga, and A. Muller	<i>Experimental observation of the electric octupole contribution to the angular distribution of the krypton 4p photoelectrons</i>
23	S. Ricz, T. Buhr, A. Kover, K. Holste, A. Borovik, Jr., S. Schippers, D. Varga, and A. Muller	<i>Experimental investigation of left-right asymmetry in photon-atom interaction</i>
24	B. Manschwetus, L. Rading, F. Campi, P. Rudawski, C.M. Heyl, F. Brizuela, B. Kim, A. L'Huillier, and P. Johnsson	<i>Two Photon Double Ionization of Noble Gases: First Applications of the High Intensity Hhg Beamline at Lund Laser Center</i>
25	S. Reyne, F. Giambruno, A. Pacholski, C. Grigoriu, I. Dancus, L. Neagu, I. Morjan and M. Le Pennec	<i>Pointing stability challenges after 25-m beam propagation under vacuum on CETAL laser facility</i>
26	M. Klaiber, E. Yakaboylu, H. Bauke, K.Z. Hatsagortsyan, and C.H. Keitel	<i>Laser-driven relativistic tunneling</i>
27	T. Asavei, M. Cernaianu, M. Bobeica, G. Acbas, D. Ursescu, M. Tomut, S. Gales, N.V. Zamfir	<i>Materials in Extreme Conditions at ELI-NP</i>
28	L. Palfalvi, J.A. Fulop, Gy. Toth, J. Hebling	<i>Evanescent-wave proton post-accelerator driven by intense THz pulses</i>
29	Cs. Lombosi, I. Marton, Z. Ollmann, J. Hebling, Gy. Farkas, P. Dombi, J.A. Fulop	<i>THz-driven strong-field electron emission from a gold surface</i>
30	T. Csizmadia, T. Smausz, Cs. Tapai, J. Kopniczky, X. Wang, M. Ehrhardt, P. Lorenz, K. Zimmer, E. Varga, A. Oszko, B. Hopp	<i>Production of nanostructures on bulk metal samples by picosecond laser ablation at two wavelengths for fabrication of low-reflective surfaces</i>