INSTITUTUL NATIONAL DE CERCETARE-DEZVOLTARE PENTRU FIZICA LASERILOR, PLASMEI SI RADIATIEI, INCDFLPR/
(National Institute for Lasers, Plasma and Radiation Physics)
Str. Atomistilor, Nr. 409, P.O. Box MG-36, Magurele
Bucuresti 077125, ROMANIA

Following our Call for experiments at TEWALAS facility, we received the following applications:

External applications:

Nr.	*Experiment*	*Coordinator /afiliation*
1	Nanoparticle production in liquid with ultrashort laser pulses	Shunichi Sato /Tohoku University, Japan
2	Marking of aeronautical industry materials with femtosecond lasers	Rusu S. /TU Iasi
3	Metalic microstructures produced with femtosecond laser pulses	Tosa N. /INCDTIM Cluj-Napoca
4	Measurement of hard X-rays by the use of semiconductor and scintillator detectors operating in counting mode	Leszek Ryc /Institute of Plasma Physics and Laser Microfusion, Polonia
5	Investigation of emission of fast protons/ions with the use of semiconductor detectors	Leszek Ryc /Institute of Plasma Physics and Laser Microfusion, Polonia
6	Study of the spinoidal decomposition for synthesis of new materials	Craciun V. /University of Florida, USA
7	High-order harmonics generation	Stafe M. /Politechnica University Bucharest, Romania

INFLPR applications:

Nr.	*Experiment /funding*	*coordinator*
1	**Plasma spectroscopy with temporal resolution /Nucleu2011**	**G. Epurescu/ M. Dinescu**
2	**X-ray lasers / LASERLAB FP7, JRA SFINX**	**D. Ursescu**
3	**Absorption in laser produced plasmas / LASERLAB FP7, JRA SFINX**	**D. Ursescu**
4	**Plasma mirror studies /Nucleu2011**	**D. Ursescu**
5	**Large area ripples induced with ultrashort pulses /Nucleu2011**	**Zamfirescu M.**
6	Study of energy deposition in solid targets	Martin D.
7	Background dosimetric measurements	Scarlat F.
8	THz generation for medicine and biology	Dascalu T.
9	Vapour-liquid-solid self assemblingstudies induced by ultrashort laser pulses	Marcu A.
10	Proton acceleration from thin foils	Ticos C.
11	GW and TW laser pulses interacting with Tungsten thin films	Lungu C.
12	New thin films and materials from electrostatic clusters and column explosions	Ganciu M.
13	Formation and propagation of electrons in polaritonic structures	Ganciu M.

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