

Monday, 30 April, Poster Session, Chair: Prof. Michel Autric, Université de la Méditerranée (France)
Poster Titles & Presenters

Investigation and Improvements of Flatbed Laser Engravers and Cutters	Dr. Joachim Aichinger, Oberoesterreichisches Laserzentrum, Austria
Strength of Metals in Liquid and Solid States at Extremely High Tension Produced by Femtosecond Laser Heating	Dr. Sergei Ashitkov, Joint Institute for High Temperatures, Russian Academy of Sciences
Laser Shock Waves: A Way to Test and Damage Composite Materials for Aeronautic Applications	Mr. Romain Ecault, National Center for Scientific Research (CNRS)
The Development of Powerful Lasers in the USSR	Prof. Victor Gurashvili, Troitsk Institute for Innovation & Fusion Research
Imprinting Local Field Structure of Focused Ultra-short Laser Pulses	Dr. C. Hnatovsky, Australian National University (Presented by Dr. Andrei Rode)
Comparative Study of Femtosecond and Nanosecond Laser Ablation for Propulsion Applications	Dr. Andrey Ionin, Lebedev Physical Institute
Triggering and Guiding Electric Discharge by a Train of Ultrashort UV Pulses	Dr. Andrey Ionin, Lebedev Physical Institute
Acousto-Optical Intra Cavity Control UV Laser for GaN-Sapphire Cut	Dr. Mishik Kazaryan, Lebedev Physical Institute
Self-Limited Ionization of GaAs at High Femtosecond Laser Intensities	Dr. Sergey Kudryashov, Lebedev Physical Institute
Small-Scale Reactor Based on Laser Nuclear Fusion	Dr. Anatoly Nastoyashchiy, Troitsk Institute for Innovation and Fusion Research
Physical Characterization of Laser Interaction and Shock Generation in Laser Shock Processing: Coupled Theoretical-Experimental Analysis	Prof. José Ocaña, Polytechnic University of Madrid (Presented by Prof. Michel Autric)
Modified Absorption Law and Parabolic Concentrations	Mr. Benjamin Oh, The Ohio State University
Targets for High Power Laser Experiments	Dr. Gabriel Schaumann, Technical University of Darmstadt
In-situ and Ex-situ Ripples Formation on Copper Thin Films Induced by Nano and Picosecond Lasers	Dr. Nadjib Semmar, University of Orleans
Laser Micro Cutting of Wide Band Gap Materials	Dr. Nadjib Semmar, University of Orleans
Laser for Carbon NanoTubes: From PLD to Thermal Characterization	Dr. Nadjib Semmar, University of Orleans
Synthesis of Oxidation Resistant Lead Nanoparticle Films by Modified Pulsed Laser Ablation	Prof. Eugene Shin, University of Dayton
VUV 157nm Laser Ablation of Spherical Particles and Modelling of Resonant Cavity Structures	Dr. Chris Walton, University of Hull