

2017 IEEE Pulsed Power Conference

Tuesday, 20 June 2017

Oral session 11 - Plasma Z-Pinches, Pulsed X-ray Sources, High-Power Diodes, Wire Array Implosions - Session Chair :

Michael Mazarakis - Oxford Hall (15:00 - 17:30)

time	[id] title	presenter
15:00	[337] Direct observation of electrothermal instability structures in the skin layer of an intensely Ohmically heated conductor	Dr AWE, Thomas
15:15	[77] Results of comparison between underwater explosions of Cu and Al wires and investigation of symmetry of a shock wave generated by a cylindrical wire array explosion	YANUKA, David
15:30	[80] Preconditioned wire array Z-pinch driven by a double-pulse current generator	Dr WU, Jian
15:45	[78] Generation of cylindrically convergent shockwaves in water on the MACH facility	BLAND, Simon
16:15	[122] Recent progress in implosion of a quasi-spherical shock waves and x-ray imaging of exploding wires	NITISHINSKIY, Mikhail
16:30	[146] Cygnus Performance on Five Subcritical Experiments	Dr SMITH, John
16:45	[212] Magnetic-field evolution in Z-pinch implosion with preembedded axial magnetic field	MIKITCHUK, Dmitry
17:00	[86] OVERVIEW OF THE EXPERIMENTAL DATA ON THE USE OF A VACUUM ARC DISCHARGE FOR Z-PINCHES	Dr ROUSSKIKH, Alexander
17:15	[50] Experimental Platform Development for Studying Vacuum Power Flow Physics at the Sandia Z Accelerator	LAITY, George