

^{4TH} Workshop on Studies on Dynamically Compressed Matter with X-Rays



List of Posters

P1	AMBIKADEVI RAJASEKHARAN NAIR Vishnu	Unravelling the role of porosity in dynamic shear localization
P2	CAMPBELL Christopher S.	Data-driven HED Plasma-induced Shock Imaging Using Ultrafast Phase-contrast Imaging at the APS
Р3	CHRAPPAN SOLDAVINI Benedetta	The significance of static compression studies in interpreting shock-wave experiments on complex crystallographic systems: case studies on wollastonite and clinochlore
P4	DEMBELE Florian	Dynamic diamond anvil cell with piezoelectric actuation: a tool for precise measurements over a wide range of compression ratios.
P5	DWIVEDI Anand	Shock Diamond Anvil Cell (sDAC): shock compression of pre-compressed samples at large-scale X-ray facilities
Р6	FOURQUIN Pascal	Investigation of damage modes involved in two geomaterials under high confinement based on MHz ultra-high-speed X-ray radiography
P7	JIANG Hebin	Nanofluidic Attenuation and Energy Absorption of Metal-Organic Frameworks
P8	KOZHAEV Mikail	A new setup for laser shock compression at the ID09 XRD ESRF beamline
Р9	LE BARBENCHON Louise	On the fracture properties of alumina: Dynamic Brazilian modified tests followed by ultra-fast X-Ray radiography
P10	LIBON Lélia	Structural Investigation of liquid silicates up to 420 GPa
P11	LOBANOV Sergey	White-laser interferometry enables sample thickness measurements in DACs
P12	PILVELAIT Tom	Characterizing dynamic failure around shock-loaded voids in PMMA via digital image correlation
P13	RACK Alexander	Beamline ID19: a versatile station for synchrotron-based full-field hard X-ray microimaging
P14	REVELLO Luc	Modeling a Pulsed Discharge Experiment for Studying the Warm Dense Matter Regime
P15	RODRIGO RAMON Jose Luis	Joint experimental and theoretical study of PbGa2S4 under compression
P16	RODRIGUEZ SERENO Jose Manuel	Damage inception of composite under dynamic loadings
P17	ROGAL Lukasz	Effect of high-pressure synthesis of Zr-Cu metal glasses on microstructure and glass transition temperature.
P18	ROSA Angelika	New opportunities for static high pressure XAS at the ESRF-EBS and ID24-DCM and BM23
P19	SADAT Tarik	Jet formation under gas gun impact tests of dissimilar metals
P20	SIWJI Ali	Mechanical energy absorption of metal-organic frameworks
P21	STROHM Corneluis	Interaction chamber 2: A high throughput diffraction platform for dynamic laser compression experiments using the DiPOLE laser at the HED instrument at European XFEL.