

No.	Name	Linked title to PDF	Topic
Th-P-01	Daniel Staško	<a href="#">Pressure media for high pressure experiments</a>	Instrumentation, new techniques
Th-P-02	Feng XU	<a href="#">Sound velocities and elastic moduli of phases I and V of silicon at high pressures</a>	Instrumentation, new techniques
Th-P-03	Chi Long Chan	<a href="#">Investigation of Diesel Formulations and Model Mixtures under High-Pressure Environment</a>	Instrumentation, new techniques
Th-P-04	Bernhard Massani	<a href="#">Single Crystal Neutron Diffraction in Diamond Anvil Cells: DKDP as a Test Case</a>	Instrumentation, new techniques
Th-P-05	Yun-Hee LEE	<a href="#">Development of an advanced dynamic-diamond anvil cell and its application to deriving equation of state of molecular liquids</a>	Instrumentation, new techniques
Th-P-06	Christophe GUILLAUME	<a href="#">Reusable Coil Setup For High Pressure Magnetic Properties Studies</a>	Instrumentation, new techniques
Th-P-07	Yong Chan Cho	<a href="#">Solidification phenomena of water monitored by using an advanced dynamic-diamond anvil cell</a>	Instrumentation, new techniques
Th-P-08	Emiko Sugimura-Komabayashi	<a href="#">Development of a new internally-resistive heated diamond-anvil cell for planetary mineral physics</a>	Instrumentation, new techniques
Th-P-09	Yimin Mijiti	<a href="#">New internally heated diamond anvil cell for fast heating and cooling rates at high pressure</a>	Instrumentation, new techniques
Th-P-10	Anna Herlihy	<a href="#">HgMn7O12, a novel improper ferroelectric, under pressure</a>	Pressure-induced phase transitions and quantum
Th-P-11	Andreas Hermann	<a href="#">Anomalous structural behaviour near a Mott transition in compressed Ca2RuO4</a>	Pressure-induced phase transitions and quantum
Th-P-12	Marcin Podsiadło	<a href="#">Short N...N and CH...N contacts in the ambient and high-pressure polymorphs of a high-nitrogen-content compound</a>	Pressure-induced phase transitions and quantum
Th-P-13	Anna Olejniczak	<a href="#">High-pressure studies of high-nitrogen-content pyridazine-based compounds</a>	Pressure-induced phase transitions and quantum
Th-P-14	Yulia Nikiforova	<a href="#">High pressure study of langasite Ba3TaFe3Si2O14 up to 60 GPa and low temperatures</a>	Pressure-induced phase transitions and quantum
Th-P-15	Petr Opletal	<a href="#">Pressure effect on ZrNiAl compounds from UTX family</a>	Pressure-induced phase transitions and quantum
Th-P-16	Emma M. Ehrenreich-Petersen	<a href="#">Probing Structural Changes in the Properties of Matter Using Extreme Conditions</a>	Pressure-induced phase transitions and quantum

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Th-P-17	Enrique Zanardi	<a href="#">Revisiting transitions in silicon under high pressure: a new look at the stability of the Imma, Cmce, and other compressed phases</a>	Pressure-induced phase transitions and quantum
Th-P-18	Sergey Starchikov	<a href="#">Structural, magnetic and electronic transitions in Ba<sub>3</sub>NbFe<sub>3</sub>Si<sub>2</sub>O<sub>14</sub> at high pressures up to 70 GPa by synchrotron Mössbauer source spectroscopy</a>	Pressure-induced phase transitions and quantum
Th-P-19	Christian Storm	<a href="#">X-Ray Diffraction at Multi-Megabar Conditions</a>	Pressure-induced phase transitions and quantum
Th-P-20	Sarah Finnegan	<a href="#">High Pressure Structures in the Trivalent Lanthanides</a>	Pressure-induced phase transitions and quantum
Th-P-21	Elen Duverger-Nédellec	<a href="#">Effect of pressure on a Charge Density Wave transition in the m=10 member of the MonoPhosphate Tungsten Bronze Family</a>	Pressure-induced phase transitions and quantum
Th-P-22	Teng Zhang	<a href="#">Multiple phase transitions of new type phase change materials Sc-Sb<sub>2</sub>Te<sub>3</sub></a>	Pressure-induced phase transitions and quantum
Th-P-23	Samuel Gallego Parra	<a href="#">Experimental and theoretical analyses of <math>\beta</math>-In<sub>2</sub>S<sub>3</sub> under compression</a>	Pressure-induced phase transitions and quantum
Th-P-24	Alfonso Muñoz	<a href="#">High-pressure study of PbCrO<sub>4</sub> by single-crystal X-ray diffraction and ab initio simulations. Structural and vibrational properties</a>	Pressure-induced phase transitions and quantum
Th-P-25	Plácida Rodríguez Hernández	<a href="#">Study of the PbSO<sub>4</sub> Anglesite under high pressure</a>	Pressure-induced phase transitions and quantum
Th-P-26	HISAKO HIRAI	<a href="#">Phase transition mechanisms of methane hydrate under high pressure by time-resolved XRD and Raman spectroscopy</a>	Pressure-induced phase transitions and quantum
Th-P-27	Anna Ivanova	<a href="#">Structural phase transitions and the EoS of SnSe and SnTe at pressures up to 2 Mbar</a>	Pressure-induced phase transitions and quantum
Th-P-28	Dinara Sagatova	<a href="#">The Fe-N system at pressures of the Earth's inner core</a>	Pressure-induced phase transitions and quantum
Th-P-29	Nursultan Sagatov	<a href="#">Phase relations of the iron carbides Fe<sub>2</sub>C, Fe<sub>3</sub>C, Fe<sub>7</sub>C<sub>3</sub> at the Earth's core conditions</a>	Pressure-induced phase transitions and quantum
Th-P-30	Elena Gromnitskaya	<a href="#">Ultrasonic Study and Dielectric Spectroscopy of Pyridine under High Pressures at different Temperatures</a>	Pressure-induced phase transitions and quantum
Th-P-31	Trieu Phuong Anh Tong	<a href="#">Ferromagnetic to paramagnetic transition of SrRuO<sub>3</sub> under pressure</a>	Pressure-induced phase transitions and quantum
Th-P-32	Min Zhang	<a href="#">The Existence of Lifshitz Transitions in ZrSiSe under High Pressure: The Experimental and First Principles Calculation</a>	Pressure-induced phase transitions and quantum

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Th-P-33	Yuichi AKAHAMA	<a href="#">Volume compression of period 4 elements: Zn, Ge, As, and Se up to multimegabar pressures</a>	Pressure-induced phase transitions and quantum
Th-P-34	Alexander Sedov	<a href="#">Phase transition kinetics and titanium compressibility</a>	Pressure-induced phase transitions and quantum
Th-P-35	Alexander Shestakov	<a href="#">Compressibility and phase transition in a zirconium alloy</a>	Pressure-induced phase transitions and quantum
Th-P-36	Valentin Churkin	<a href="#">Instability of diamond in the pressure range of 55-115 GPa</a>	Pressure-induced phase transitions and quantum
Th-P-37	Matthew John Coak	<a href="#">Emergence of a quantum coherent state at the border of ferroelectricity</a>	Pressure-induced phase transitions and quantum
Th-P-38	Joseph Boby	<a href="#">Pressure induced amorphization of A-site deficient La<sub>0.333</sub>NbO<sub>3</sub> perovskite – Raman spectroscopic and x-ray diffraction investigations</a>	Spectroscopic & structural studies
Th-P-39	Noham Weinberg	<a href="#">Effect of pressure on molecular vibrations: A computational study</a>	Spectroscopic & structural studies
Th-P-40	Young-Ho Ko	<a href="#">Investigation of the elastic properties of amorphous polymers by using Frequency-Domain Brillouin light scattering</a>	Spectroscopic & structural studies
Th-P-41	Anna Celeste	<a href="#">Pressure response of the metal-organic framework MIL-101 filled with metal nanoparticles</a>	Spectroscopic & structural studies
Th-P-42	Anna Makal	<a href="#">Evolution of the crystal structures and spectroscopic in polymorphs of 1,8-diacetylpyrene</a>	Spectroscopic & structural studies
Th-P-43	Marina Teresa Candela	<a href="#">Structural stability of CsCaCl<sub>3</sub> perovskite under pressure</a>	Spectroscopic & structural studies
Th-P-44	Sakrowski, Robin	<a href="#">Iron spin transition in bridgmanite revisited</a>	Spectroscopic & structural studies
Th-P-45	Virginia Monteseuro Padrón	<a href="#">Discovery of pressure-induced transition of aurophilic gold iodide</a>	Spectroscopic & structural studies
Th-P-46	Zhao Yongsheng	<a href="#">Pressure-Induced-Phase Transition and Photoluminescence in Pyrochlore Ho<sub>2</sub>Sn<sub>2</sub>O<sub>7</sub></a>	Spectroscopic & structural studies
Th-P-47	Paulo de Tarso Cavalcante Freire	<a href="#">Phase transition of captopril: a Raman scattering study</a>	Spectroscopic & structural studies
Th-P-48	Osamu Ikeda	<a href="#">High-pressure behavior of ε-FeOOH inferred from experimental study</a>	Spectroscopic & structural studies

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Th-P-49	Fei Sun	<a href="#">Electronic and structural response to pressure in the hyperkagome-lattice Na3Ir3O8</a>	Spectroscopic & structural studies
Th-P-50	Christine Kuntscher	<a href="#">Dimerization of the honeycomb iridate alpha-Li2IrO3 under pressure</a>	Spectroscopic & structural studies
Th-P-51	Tomasz Poreba	<a href="#">Pressure-induced polymerization and electrical conductivity in polyiodides.</a>	Spectroscopic & structural studies
Th-P-52	Meera Varma	<a href="#">High Pressure Raman Scattering study on BaZr(PO4)2</a>	Spectroscopic & structural studies
Th-P-53	Osamu Ohtaka	<a href="#">Structural Study of Germante Glass under Pressure</a>	Spectroscopic & structural studies
Th-P-54	Luboš Plamitzer	<a href="#">Pressure-Induced Conformational Change of a Dipeptide. A Computational Study</a>	Theory at extreme conditions
Th-P-55	ShinYoung Kang	<a href="#">Rapid Compression of Prototype Sand-like Systems using Atomistic Molecular Dynamic Simulations</a>	Theory at extreme conditions
Th-P-56	Silvana Radescu	<a href="#">Tin chalcogenides under compression: an ab initio study</a>	Theory at extreme conditions
Th-P-57	Antonella Meninno	<a href="#">Ab initio study of possible metastable occupation of tetrahedral sites in Palladium Hydride compounds</a>	Theory at extreme conditions
Th-P-58	Nataliia Atamas	<a href="#">Influence of external factors (high temperatures, pressures) on soft matter systems</a>	Theory at extreme conditions