| p09-01 | The average atom model combined with hypernetted chain approximation applied to calculate the x-ray Thomson scattering spectrum  
Yong Hou, National University of Defense Technology, China |
| p09-02 | A new treatment to investigate Temperature Relaxation in Dense Hydrogen Plasma: Implement electron force field method within the Molecular Dynamics Simulation  
Zengxiu Zhao, National University of Defense Technology, China |
| p09-03 | Intensity dependence and double core-hole spectroscopy of solid density aluminium interaction Ultra-intense x-ray laser pulses  
Jialong Zeng, National University of Defense Technology, China |
| p09-04 | Nuclear quantum effects on structure and transport properties of dense liquid hydrogen and helium  
Jianmin Yuan, National University of Defense Technology, China |
| p09-05 | Thousand state master equation approach for practical open quantum systems: fromX-ray-laser interaction to attosecond pulse transient absorption of atomic gases  
Yongqiang Li, National University of Defense Technology, China |
| p09-06 | Online Atomic Database Spectr-W3 for Plasma Diagnostics and Other Applications. Current Status and Perspectives  
Petr A. Loboda, Russian Federal Nuclear Center - All-Russian Institute of Technical Physics (RFNC-VNIITF), Russia |
| p09-07 | Ultrafast quantum dynamics of electrons by density-matrix simulations  
Hikaru Kitamura, Department of Physics, Kyoto University, Japan |
| p09-08 | Transport properties of dense plasmas with the RESEOS model  
Anton Ovechkin, Russian Federal Nuclear Center - All-Russian Institute of Technical Physics (RFNC-VNIITF), Russia |
| p09-09 | Ion Acoustic Modes in Warm Dense Matter  
Nicholas Hartley, Osaka University, Japan |
| p09-10 | Phonon properties of two-temperature metals  
Vanina Recoules, CEA-DAM/DIF, France |
| p09-11 | First XFEL probe of Tantalum at atomic scale during its spallation  
Albertazzi Bruno, Graduate School of Engineering, Japan |
| p09-12 | In Situ Characterization of the XFEL Probe Beam Intensity Distribution by High Spatial Resolution LiF Crystal Hard X-Ray Detector  
Pikuz Tatiana, Graduate School of Engineering, Osaka University, Japan |
| p09-13 | Formation Sub-eV Warm Dense Matter by Picosecond Soft X-Ray Laser Irradiation  
Faenov Anatoly, Insitute for Academic Initiatives, Osaka University, Japan |
| p09-14 | The calculations of thermophysical properties of Nickel plasma  
Evgeny Apfelbaum, Joint Institute for High Temperature ofRussian Academy of Sciences, Russia |
| p09-15 | Ka x-ray imaging spectroscopy for Ti foils irradiated by intense laser pulses  
Leejin Bae, Gwangju Institute of Science and Technology (GIST), Korea |
| p09-16 | Development of X-ray Absorption Spectroscopy Apparatus for Warm and Dense Matters  
Young Hoon Kim, Gwangju Institute of Science and Technology (GIST), Korea |
| p09-17 | Self-consistent description of optical and electronic properties of warm dense matter  
Ilaur Saitov, Joint Institute for High Temperatures, Russia |
| p09-18 | Continuum Lowering in Warm Dense Matter  
Rory Beggott, University of Warwick, UK |
| p09-19 | Pressure and free electrons in warm dense matter  
Vladimir Stegailov, Joint Institute for High Temperatures of Russian Academy of Sciences, Russia |
| p09-20 | Modeling Iron Plasma in Non-local Thermodynamic Equilibrium using the Flexible Atomic Code data  
FeiJi Wang, National Astronomical Observatories, Chinese Academy of Sciences, China |
| p09-21 | Modeling of fragmentation of laser irradiated tin droplet target for extreme ultraviolet (EUV) light sources  
Akira Sasaki, Japan Atomic Energy Agency, Japan |
| p09-22 | First-principles calculations of the high-pressure melting line of SiO$_2$ and strenght of H$_2$O: planetary science implications  
Sebastien Hamel, LLNL, USA |
| p09-23 | Transport properties of hot dense plasma  
Kodanova Sandugash, IETP, Al-Farabi Kazakh National University, Kazakhstan |
| p09-24 | Ion Potential in Warm Dense Matter with Stationary Flowing Quantum Electrons  
Zhandos Moldabekov, Institute for Experimental and Theoretical Physics, Al-Farabi Kazakh National University, Kazakhstan |
| p09-25 | Thermodynamic properties of warm dense matter  
Ismagambetova Tomiris, IETP, al-Farabi Kazakh National University (KazNU), Kazakhstan |
| p09-26 | Molecular Dynamics Study of MgO  
Francoise Remus, CEA/DIF, FRANCE |
| p09-27 | Norimasa Ozaki, Osaka University, Japan |
| p09-28 | In situ XFEL measurement system for materials under laser-induced ultrahigh-pressure conditions  
Yoshinori Tange, Japan Synchrotron Radiation Research Institute, Japan |
| p09-29 | X-ray diffraction observation of shock-compressed quartz  
Tomoko Sato, Hiroshima University, Japan |