

# Matter and Radiation at Extremes

Volume 2, Issue 6, November 2017

## Table of Contents

### Discussion

Public debate on metallic hydrogen to boost high pressure research  
*Hua Y. Geng* 275

### Review Article

The pulsed high magnetic field facility and scientific research at Wuhan National High Magnetic Field Center  
*Xiaotao Han, Tao Peng, Hongfa Ding, Tonghai Ding, Zengwei Zhu, Zhengcai Xia, Junfeng Wang, Junbo Han, Zhongwen Ouyang, Zhenxing Wang, Yibo Han, Houxiu Xiao, Quanliang Cao, Yiliang Lv, Yuan Pan, Liang Li* 278

### Original Research Articles

Transport properties of warm and hot dense iron from orbital free and corrected Yukawa potential molecular dynamics  
*H.Y. Sun, Dongdong Kang, Yong Hou, J.Y. Dai* 287

A tabletop, ultrashort pulse photoneutron source driven by electrons from laser wakefield acceleration  
*X.J. Jiao, J.M. Shaw, T. Wang, X.M. Wang, H. Tsai, P. Poth, I. Pomerantz, L.A. Labun, T. Toncian, M.C. Downer, B.M. Hegelich* 296

Lifetime and shelf life of sealed tritium-filled plasma focus chambers with gas generator  
*B.D. Lemeshko, A.K. Dulatov, Yu V. Mikhailov, I.A. Prokuratov, A.N. Selifanov, T.S. Fatiev, V.G. Andreev* 303

Article list of volume 2 I

Reviewer Acknowledgment IV