

## CONFERENCE CONTRIBUTIONS

**Hamburg, Germany: Research Courses on New X-Ray Sciences at HASYLAB/DESY, March 5-7, 2003**

R. Redmer  
Warm Dense Matter in Astrophysics: Giant Planets

**Valencia, Spain: 11th International Workshop on the Physics of Non-ideal Plasmas (PNP11), March 20-25, 2003**

D.H.H. Hoffmann  
High Intensity Particle and Laser Beams Interacting with Ionized Matter

D. Varentsov  
Intense Heavy Ion Beams for Experimental Investigation of High Energy Density Matter

P. Mulser, M. Kanapathipillai  
Giant Enhancement of Collisional Absorption in Extended Cluster Media

G. Zwicknagel, M. Knaup, P.-G. Reinhard and C. Toepffer  
Wave Packet Molecular Dynamics Simulations of Warm Dense Hydrogen

G. Zwicknagel and T. Pschiwul  
Dynamic Response of Two-Component Model Plasma

R. Redmer, H. Juranek, S. Kuhlbrodt, V. Schwarz  
EOS and Conductivity in Warm Dense Matter

**Portland, USA, 2003 Particle Accelerator Conference, May 12-16, 2003**

J. Thibus, I. Mueller, N. Mueller, A. Schempp, H. Zimmermann  
The Frankfurt Funneling Experiment

**Yamanashi, Japan: COOL 03, Int. Workshop on Beam Cooling and Related Topics, May 19-23, 2003**

C. Toepffer, B. Moellers, M. Walter, G. Zwicknagel  
Cooling of Ions and Antiprotons with Magnetized Electrons

**Rostock, Germany: Workshop on the Dynamical Conductivity in Strongly Coupled Plasmas, June 13, 2003**

G. Zwicknagel, T. Pschiwul, B. Jakob  
MD-simulations of the Conductivity of Model Plasmas

**Lyon, France: CECAM Workshop on Quantum Molecular Dynamics, June 30 – July 2, 2003**

R. Redmer  
Behaviour of Dense Hydrogen

**St.-Petersburg, Russia: 30th EPS Conference on Controlled Fusion and Plasma Physics, July 7-11, 2003**

D. Varentsov  
Experimental Investigation of High Energy Density Matter by Intense Heavy Ion Beams

O. Rosmej  
X-ray Projectile and Target Radiation for Investigation of Ion Stopping Process

**Varenna, Italy, Int. Conference on Ultrashort High Energy Radiation and Matter, September 7-10, 2003**

M. Roth  
X-Ray and Particle Diagnostics for Warm Dense Matter Research

**Monterey, Ca, USA, Int. Conf. on Inertial Science and Fusion Applications, September 8-12, 2003**

D.H.H. Hoffmann  
High Energy Density Physics with Intense Ion and Laser Beams at GSI

**Parma, Italy: LXXXIX Congresso Nazionale della Societa` Italiana di Fisica, September 17-22, 2003**

P. Mulser, M. Kanapathipillai  
Giant Enhancement of Collisional Absorption in Extended Cluster Media

**Copenhagen, Denmark: Workshop on Phase Transitions in Nuclear Collisions (PT03), October 9-10, 2003**

D. Varentsov  
Intense Heavy Ion Beams as a Tool to Study Warm Dense Matter

**Greifswald, Germany: WE-Heraeus-Ferientschule zur Plasmaphysik, October 6-17, 2003**

R. Redmer  
Stark korrelierte Plasmen  
Plasmen in großen Planeten

**Gyeongju, Korea: IX International Conference on Accelerator and Large Physics Control System (ICALPECS), October 13-17, 2003**

H. Brand, D. Beck, E. Gaul, W. Geithner, T. Kühl, K. Poppensieker, M. Roth, U. Thiemer  
The PHELIX Control System Based on UML Design Level Programming in LabView

**Wien, Austria: IAEA Coordinated Research Projects, November 4–7, 2003**

D.H.H. Hoffmann  
Basic Physics for Inertial Fusion Energy - Present and Future Prospects of High Energy Density in Matter Research at GSI