

**BILATERAL SCIENTIFIC SEMINAR FOR X-RAY FOCUSING: CHINA/RUSSIA**

**中俄双边x射线聚焦学术研讨会**

JULY, 15-20, 2009, CHERNOGOLOVKA, RUSSIA.

**SEMINAR PROGRAM**

**JULY, 16**

- 10.00 – 10.30 Registration
- 9<sup>00</sup> session 10.30 – 11.15  
Chairman  
Prof. Peiping ZHU
- 10.30 – 11.15 **Development Of X-ray Optics  
In IMT RAS For Nanomaterial  
Diagnostics**  
D.V. Roshchupkin
- 11.15 – 12.00 **Development Of The Compound  
X-ray Refractive Lenses  
For Focusing High-energy X-rays  
In China**  
Zichun LE, Kai LIU, Wen DONG, Jingqiu  
LIANG, Zhongzhu LIANG, Peiping ZHU,  
Liangqiang PENG, Futing YI, Wanxia  
HUANG, Ming ZHANG, Bisheng QUAN
- 12.00 – 14.00 Lunch
- 9<sup>00</sup> session 14.00 – 14.45  
Chairman  
Dr. Dmitry Roshchupkin
- 14.00 – 14.45 **X-ray Induced Silver Nanoclusters  
In Sodalime Silicate Glass**  
Jawei SHENG
- 14.45 – 15.30 **Diffraction Gratings On The Base  
Of Si Membranes For The Analysis  
Of Laser-plasma X-ray Spectra**  
V. Starkov, L. Shabel'nikov
- 15.30 – 16.15 **Optimization Of Zone Plates**  
E. Shulakov

**JULY, 17**

- 9<sup>00</sup> session 10.00 – 10.45  
Chairman  
Prof. Zichun LE
- 10.00 – 10.45 **The Progress Of Diffraction  
Enhanced Imaging (DEI) In BSRF**  
Peiping ZHU, Kai Zhang, Qingxi Yuan,  
Wanxia Huang, Huitao Zhang, Yijin LIU,  
Enrong LI, Zhili Wang, Xiaosong Liu,  
Youli Hong, Ziyu WU
- 10.45 – 11.30 **Study On The Hard X-ray  
Compound Refractive Lenses**  
Jingqiu Liang, Zhongzhu Liang, Zichun  
Le, Futing Yi, Naidi Cui, Weibiao Wang,  
Peiping Zhu, Ming Xuan
- 11.30 – 12.15 **Recent Developments Of  
Photopolymer Refractive Lenses**  
T.A.Sagdulini, L.G. Shabelnikov
- 12.15 – 14.00 Lunch
- 9<sup>00</sup> session 14.00 – 14.30  
Chairman  
Prof. JIAWEI SHENG
- 14.00 – 14.30 **The Technology Restructuring  
Three Dimensions Based On Optical  
Tomographic Images**  
Qingbiao Wu, Yong Jin and Xing Liu
- 14.30 – 15.00 **Investigation On X-ray  
Waveguide-resonators**  
V.K. Egorov, E.V. Egorov
- 15.00 – 15.30 **Application Of X-ray  
Waveguide-resonators  
To Nondestructive Testing**  
V.K. Egorov, E.V. Egorov,  
L.G. Shabelnikov

**JULY, 18**

Excursion to **The Central Air Force Museum** in Monino

**JULY, 19**

Excursion to **historical places of Moscow**

**MEALS**

Breakfast	July, 16 – 20	Hotel Restaurant at 9.00
Lunch	July, 16 and 17	Canteen at 12.30
	July, 18	Hotel Restaurant at 14.30
Supper	July, 16 – 19	Hotel Restaurant at 19.00