

**2nd Meeting on Future XFEL optics:
„Damage threshold of Mirrors and Multilayers”**

Date: 23.-24. November 2006

**Location: Institute of Physics, Czech Academy of Sciences (Prague),
(Na Slovance 2, 182 21 Prague 8)**

Organisers: K. Tiedtke, H. Wabnitz

Thursday 23. November

09:00	Objectives of Meeting	K. Tiedtke/ H. Wabnitz
09:20	0.05 μrad Accuracy Metrology for the Inspection of FEL-Optics	F. Siewert
09:50	FLASH-induced damage to various optical materials	R. Sobierasjki
10:20	Influence of Pulse Energy and Duration, Wavelength and Incidence Angle on XUV/X-ray Damage Phenomena	L. Juha
10:50	Coffee break	
11:10 - 13:00	Open discussion	
13:00	Lunch break	
14:00	4GLS Interests in Optics	A. Gleeson
14:20	Current Status of Development of XFEL Optics in Japan	M. Yabashi

14:40	PMMA-Ablation for Characterization of focused XUV radiation beams	J. Chalupsky
15:00	Multilayer Fabrication at FOM	F. Bjierkerk
15:20	Theoretical Approach to estimate Damage in FEL irradiated Samples	B. Ziaja
15:50	Coffee break	
16:10	Final discussion	

Friday 24. November

09:00 **Visit of Prague Asterix Laser System (PALS)**
-12:00
