

## Programme

<b>Sunday, May 4th, 2014</b>		
		Arrival of experts at the Leonardo Hotel Hannover Airport
<b>Monday, May 5th, 2014</b>		
<b>Session I</b>	<b>Introduction</b>	
	08.30 - 09.00	Registration
	09.00-09.15	<b>Welcome</b> Zhao Miaogen Sino-German Center for Research Promotion, Beijing, China
	09.15-09.25	<b>Greetings from the President of University of Hannover</b> Prof. Erich Barke Leibniz Universität Hannover, Germany
	09.25-09.30	<b>Welcome</b> Prof. Zhanshan Wang Tongji University, Shanghai, China
	09.30-09.35	<b>Welcome and Introduction into the Symposium</b> Prof. Detlev Ristau Laser Zentrum Hannover e.V., Germany
<b>Session II</b>	<b>Standardisation in Optics Characterisation</b>	Presider: Prof. Zhanshan Wang
	09.40 -10.05	<b>Development of ISO-Standards in Optics and Laser Technology</b> Elisabeth Leitner Deutsches Institut für Normung, Geschäftsstelle Pforzheim, Germany
	10.05 -10.30	<b>Standardisation in Optics Characterisation</b> Prof. Detlev Ristau Laser Zentrum Hannover e.V., Germany
	10.30-10.55	<b>Cavity Ring-down for High Reflectance Measurements: Status of Standardization and Instrumentation</b> Prof. Bincheng Li Chengdu Institute of Optics and Electronics, China
	10.55-11.25	<b>Coffee Break and Group Photograph</b>
	11.25-11.50	<b>Optical Scattering</b> Dr. Sven Schröder Fraunhofer Institut für angewandte Optik und Feinmechanik, Germany
	11.50-12.15	<b>High accuracy form measurement of flat and spherical optical surfaces</b> Dr. Michael Schulz Physikalisch Technische Bundesanstalt, Germany
	12.15-12.40	<b>Large aperture phase shifted interferometer</b> Zhishan Gao Nanjing University of Science and Technology, China

	12.40-13.05	<b>Measurement issues on the qualification of complex coating systems for astronomical instruments in the NIR range</b> Dr. Stefan Günster Laser Zentrum Hannover e.V., Germany
	13.05-14.10	<b>Lunch Break at LZH</b>
<b>Session III</b>	<b>Laser Induced Damage Thresholds</b>	Presider: Prof. Detlev Ristau
	14.10-14.35	<b>Characterization of surface and coating imperfections for laser optics</b> Dr. Xinbin Cheng Tongji University, China
	14.35-15.00	<b>Detection of damage precursor and investigation of laser induced damage with in-situ photo-thermal lens measurement technology</b> Prof. Ma Ping Chengdu Fine Optical Engineering Research Center, China
	15.00-15.25	<b>Laser induced damage and scattering characterization of femtosecond laser coatings</b> Prof. Zhanshan Wang Tongji University, China
	15.25-16.00	<b>Coffee Break</b>
	16.00-16.25	<b>Characterisation of high power optical components for fs- applications</b> Dr. Marco Jupé Laser Zentrum Hannover e.V., Germany
	16.25-16.50	<b>A high-power narrow-linewidth fiber laser based on fiber grating resonator seed</b> Prof. Dayong Zhang North China Research Institute of Electro-optics, China
<b>Session IV</b>	<b>Defects and Contamination</b>	Presider: Prof. Zhanshan Wang
	16.50 -17.15	<b>Space optics: testing and analysis</b> Dr. Helmut Schröder DLR Stuttgart; Germany
	17.15-17.40	<b>Particles in Magnetron Sputtering Processes: Characterization and Avoidance</b> Dr. Daniel Rademacher Fraunhofer Institute for Surface Engineering and Thin Films IST, Braunschweig, Germany
	18.30	Typical Bavarian Dinner (Bavaria Alm)
<b>Tuesday, May 6th, 2014</b>		
<b>Session V</b>	<b>Optical Losses and Related Effect</b>	Presider: Prof. Detlev Ristau
	09.30 -09.55	<b>Absorption and wavefront deformation in high power laser optics</b> Dr. Klaus Mann Laser Laboratorium Göttingen, Germany

	09.55 -10.20	<b>Material and coating characterization at IPHT: measurement technique and beyond</b> Dr. Christian Mühlig Institut für Photonische Technologien Jena, Germany
	10.20-10.45	<b>Laser Calorimetry: Extended performance in absolute absorptance testing</b> Dr. Lars Jensen Laser Zentrum Hannover e.V., Germany
	10.45-11.10	<b>Spectrum and polarization control of dichroic beam splitter in near-infrared band for free-space Quantum communication</b> Prof. Dingquan Liu The Shanghai Institute of Technical Physics of the Chinese Academy of Sciences, China
	11.10-11.40	<b>Coffee Break</b>
<b>Session VI</b>	<b>Modeling and New Aspect in Optics Characterisation</b>	Presider: Prof. Zhanshan Wang
	11.40-12.05	<b>Modeling of fs-Laser Damage</b> Prof. Bärbel Rethfeld University of Kaiserslautern Physics Department, Germany
	12.05-12.30	<b>Application of time-resolved digital holographic microscopy to study femtosecond damage process in thin films</b> Dr. Andrius Melninkaitis Vilnius University, Lithuania
	12.30-12.55	<b>Group delay dispersion measurement of dispersive mirrors</b> Dr. Weidong Shen Zhejiang University, China
	12.55 -14.05	<b>Lunch Break at LZH</b>
<b>Session VI cont.</b>	<b>Modeling and New Aspect in Optics Characterisation</b>	Presider: Prof. Detlev Ristau
	14.05-14.30	<b>Multi-index coatings for advanced fs-laser components</b> Dr. Hans Becker Carl Zeiss, Germany
	14.30-14.55	<b>Characterization and performance of octave spanning dispersive mirrors</b> Prof. Uwe Morgner Leibniz Universität Hannover, Germany
	14.55-15.20	<b>Ex-situ characterization of optical coatings by means of spectrophotometry</b> Dr. Steffen Wilbrandt Fraunhofer Institut für angewandte Optik und Feinmechanik, Germany
	15.20-15.45	<b>Characterisation of saturable absorber devices</b> Prof. Günter Steinmeyer Max Born Institut Berlin, Germany
	15.45.-16.15	<b>Coffee Break</b>

<b>Session VI cont.</b>	<b>Modeling and New Aspect in Optics Characterisation cont.</b>	Presiders Prof. Zhanshan Wang
	16.15-16.40	<b>Testing techniques for large aspheric primary mirrors</b> Prof. Yudong Zhang Chengdu Institute of Optics and Electronics, China
	16.40-17.05	<b>Digital holographic interferometry and its applications in measurements of optical components</b> Prof. Jianlin Zhao Northwestern Polytechnical University , China
	17.05-17.30	<b>All-optical manipulation of light in nonlinear fibers</b> Dr. Ayhan Demircan Leibniz Universität Hannover, Germany
	17.30-17.55	<b>Surface modification and metal-based mirror coating for large aperture RB-SIC substrate</b> Prof. Jinsong Gao Changchun Institute of Optics, Fine Mechanics and Physics, China
	17.55-18.20	<b>Metal mirrors for Laser applications</b> <b>AR coatings for laser applications at 1064 nm prepared by PIAD</b> Dr. Mark Schürmann Fraunhofer Institut für angewandte Optik und Feinmechanik, Germany
	18.20- 18.25	<b>Closure of the technical part of the workshop</b> Prof. Zhanshan Wang and Prof. Detlev Ristau
	18.25-19.00	Tour through the LZH
	19.00	Symposium Dinner at LZH
<b>Wednesday, May 7th, 2014</b>		
		Symposium Tour
<b>Thursday, May 8th, 2014</b>		
		Departure