

# AOMATT CHINA 2005 CALL FOR PAPER

The 2nd International Symposium on Advanced Optical Manufacturing and Testing Technologies (AOMATT CHINA 2005) is to be held in Nov.2-5, 2005 in the famous historical city of Xian, China.

The venue of the meeting is *Grand New World Hotels*, which is located just to the right of the Big Wild Goose Pagoda and to the left of the newly opened Tang Paradise which showcases the spirit of the Tang Dynasty.

## I. Symposium Schedule

Nov.1 2005		Registration at Grand New World Hotel
Nov.2	Morning	8:30-9:00 Opening Ceremony 9:00-12:10 Plenary Presentation
	Afternoon	13:30-17:30 Plenary Presentation
	Evening	18:30-20:30 Welcome Banquet
Nov.3	Morning	Oral Presentations in five Conference Rooms
	Afternoon	1.Post Paper Presentation(front 2 hours)/Oral Presentations(back 2 hours) 2.Workshop: Taylor Hobson Co. Ltd: Taylor Hobson's new technologies for optical manufacturing and testing.
	Evening	18:30-20:30 international opt-electronics colloquia
Nov.4	Morning	Oral Presentations in five Conference Rooms
	Afternoon	1.Post Paper Presentation(front 2 hours)/Oral Presentations(back 2 hours) 2.Workshop: LOH Optikmaschinen AG: "Latest Technology developments in surfacing and coating of optics"
	Evening	Meeting Activities
Nov.5 2005		One Day Tour in Xian

## II. Important Date

**Symposium Date:** November 2-5, 2005

**Venue of Symposium:** *Grand New World Hotel, Xian, China*

**Abstract Due:** June 30, 2005

**Manuscript Due:** Oct.18, 2005

**SPIE Proceeding Published:** April, 2006

**Please submit your abstract by June 30 to:**

**Prof. WEN Shangming**

**Email:** [conf@ioe.ac.cn](mailto:conf@ioe.ac.cn)

**Web:** <http://www.ioe.ac.cn/aomatt2005/english/>

## III. Symposium Organization

**Approved by:**

China Association for Science and Technology

**Sponsored by:**

COS- The Chinese Optical Society

IOE - Institute of Optics and Electronics, Chinese Academy of Sciences

SPIE - The International Society of Optical Engineering (Technical Co-Sponsor)

**Cooperating Organizations:**

Committee of Optical Manufacturing

Technology, COS

Committee of Optical Testing Technology, COS

Xian Institute of Optics and Precision Mechanics,

Chinese Academy of Sciences

Xian Applied Optics Institute

Xian Institute of Technology

Xian Jiaotong University

Northwestern Polytechnical University

**Supported by:** National Natural Science Foundation of China

**Honorary Chair:**

WANG Daheng, Academician, Chinese Academy of Sciences and Chinese Academy of Engineering (China)

**Symposium General Chair:**

MU Guoguang, President of Chinese Optical Society (COS), Academician, Chinese Academy of Sciences

**Symposium General Co-chairs:**

CAO Jianlin, Vice-President and Secretary General of Chinese Optical Society

ZHANG Yudong, Director of the Institute of Optics and Electronics, Chinese Academy of Sciences

James W. Bilbro, 2004 SPIE President, NASA Marshall Space Flight Center (USA)

ZHOU Bingkun, Professor of Tsinghua University, Academician, Chinese Academy of Sciences

XIANG Libin, Director of Xi'an Institute of optics and precision mechanics, CAS

WANG Dapeng, Director of Xi'an Applied Optics Institute

**Advisory Committee:**

JIANG Wenhan, Academician, Chinese Academy of Engineering

Robert R. Shannon, University of Arizona, Optical Sciences Center (USA)

PAN Junhua, Academician, Chinese Academy of Engineering

HOU Xun, Academician, Chinese Academy of sciences

**Organizing Committee:**

ZHANG Yudong, Institute of Optics and Electronics, CAS, Chair

Walter C. Czajkowsky, Eastman Kodak Co, APOMA (USA), Co-Chair

LIN Yongchang, Chinese Optical Society, Co-Chair

YANG Li, Committee of Optical Manufacturing Technology, COS

Jinxue Wang, SPIE Technical Advisor (USA)

Yaolong Chen, Manufacturing Technologies Optics Berliner Glas KgaA (Germany)

Hans Lauth, Jenoptik Laser, Optik System, GmbH (Germany)

ZHAO Jianlin, Northwestern Polytechnical Univ. (China)

E.Kley, Friedrich-Schiller-Univ. Jena. (Germany)

Rongbin Li, Hong Kong Polytechnic University (Hong Kong, China)

Kathleen A. Richardson, Univ. of Central Florida/CREOL (USA)

Hexin Wang, Carl Zeiss AG (Germany)

XIN Qiming, Beijing Institute of Technology (China)

**Program Committee:**

ZHAO Wei, Xi'an Institute of Optics and Fine Mechanics, CAS, Chair

David D. Walker (OSL), University College London (U.K), Co-Chair

LIU Weiguo, Xi'an Institute of Technology, Co-Chair  
Yuri Storyalove, State Optics Institute, (Russia), Co-Chair

LI Wei, Chengdu Fine Precision Optical Engineering Research Centre (China)

YU Jingchi, Suzhou Univ. (China)

Gerald Klein, LOH Optikmaschinen AG (Germany)

Isacc Lai, Taylor Hobson Co. Ltd (England)

ZHANG Xuejun, Changchun Institute of Fine Mechanics and Physics, CAS (China)

Masakazu Miyashita, Ashikaga Institute of Technology (Japan)

XU Deyan, Optical Testing Technology Committee, COS (China)

Paul Klocek, ELCAN Optical Technologies (USA)

**Secretary General of the Symposium:**

YANG Li, Committee of Optical Manufacturing Technology, COS

**Vice Secretary General of the symposium:**

ZHOU Renkui, Xian Institute of optics and fine mechanics, CAS

WEN Shangming, Institute of Optics and Electronics, CAS

XU Deyan, Optical Testing Technology Committee, COS

XIN Qiming, Beijing Institute of Technology

**IV. Conferences****Conference 1: Large Mirror and Telescopes****Chairs:**

JIANG Wenhan, Academician, Chinese Academy of Engineering (China)

Dr. Myung K. Cho, National Optical Astronomy Observatory (USA)

**Committee:**

Matt Johns, Carnegie Observatories (USA)

Hans J. Kaercher, MAN Technologie AG (Germany)

WU Fan, Institute of Optics and Electronics, Chinese Academy of Sciences (China)

Kathleen A. Richardson, Univ. of Central Florida/CREOL (USA)

YU Jingchi, Suzhou Univ. (China)

Sung-Kie Youn, Korea Advanced Institute of Science and Technology (KAIST) (Korea)

ZHANG Xuejun, Changchun Institute of Fine Mechanics and Physics, CAS

YUAN Lvjun, Nanjing Institute of Astronomical Optics & Sciences (China)

Seung-Woo Kim, Korea Advanced Institute of Science and Technology (Korea)

FANG Jingzhong, Institute of Optics and Electronics, Chinese Academy of Sciences (China)

Yuri Storyalove, State Optics Institute (Russia)

We invite you to submit papers on the following and related topics to this conference.

- Mirrors for large astronomical and space telescopes
- Light-weighted mirror technology
- Large deployable mirror and telescopes
- New and innovative mirror and telescope designs
- Advanced testing methods for large mirror
- Support systems and structures
- New material for large mirrors

**Conference 2: Advanced Optical Manufacturing Technologies****Chairs:**

YANG Li, COMT, COS (China)

Yaolong Chen, Herbert Kubatz GmbH & Co. (Germany)

E.Kley, Friedrich-Schiller-Univ. Jena. (Germany)

**Committee:**

Rongbin Li, Hong Kong Polytechnic University (Hong Kong, China)

Paul Klocek, ELCAN Optical Technologies (USA)

Xin Qiming, Beijing Institute of Technology (China)

YU Jingchi, Suzhou Univ. (China)

Hans Lauth, Jenoptik Laser, Optik System, GmbH (Germany)

Gerald Klein, LOH Optikmaschinen AG (Germany)

HUI Changshun, Tianjin Jinhang Institute of Technology Physics (China)

ZHANG Jinliang, Xi'an Institute of Applied Optics (China)

Matthias Pfaff, OptoTech Optikmaschinen GmbH

(Germany)

LI Wei, Chengdu Fine Precision Optical Engineering  
Research Centre (China)  
Zhang Jinliang, Xian Applied Optics Institute

Please submit papers on the following and related topics  
to this conference.

- Optical manufacturing technology reviews and roadmaps
- Aspherical optics design and fabrication
- EUVL optical manufacturing
- Super-precision optical manufacturing
- MEMS & MOEMS Technology
- Optical thin film coatings
- Diamond turning technology
- Optical design and simulation software and tool
- Optoelectronics components and modules integration and manufacturing
- Opto-mechanical components and devices

### Conference 3: Optical Test and Measurement Technology and Equipments

#### Chairs:

HOU Xun, Academician, CAS (China)  
James C. Wyant, Director of Optical Sciences Center,  
Univ. of Arizona (USA)

Hexin Wang, Carl Zeiss AG (Germany)

#### Committee:

XU Deyan, Shanghai Institute of Optics and Fine  
Mechanic, CAS (China)

Shen Han, VECCO (USA)

ZHOU Renkui, Xian Institute of optics and fine  
mechanics, CAS (China)

XU Qiao, Chengdu Fine Optical Engineering Research  
Center (China)

YANG Pengli, Xian Applied Optics Institute (China)

James H. Burge, University of Arizona (USA)

HAN Changyuan, Changchun Institute of Optics, Fine  
Mechanics and Physics, CAS (China)

Yun-Woo Lee, KRISS (Korean)

SU Chaolian, Xi'an Institute of Technology (China)

Please submit papers on the following and related topics  
to this conference.

- Modern interferometric technologies
- Test for aspherical optical surface
- Test for super-precision optical surface
- Measurement for super smooth surface
- Measurement of optical thin film
- Test with infrared technologies
- Optical contamination
- Optical test and measurement for nanometer  
technology
- New and innovative metrology and equipment
- Analysis and modeling tools and software

## V. Abstract Submission

Please send your abstract to **Prof. Wen Shangming** at  
[conf@ioe.ac.cn](mailto:conf@ioe.ac.cn). Your abstract submission must include  
all of the following:

### 1. PAPER TITLE

### 2. AUTHORS (principal author first)

For each author:

- First (given) Name (initials not acceptable)
- Last (family) Name
- Affiliation
- Mailing Address
- Telephone Number
- Fax Number
- Email Address

### 3. PRESENTATION PREFERENCE

"Oral Presentation" or "Poster Presentation."

### 4. PRINCIPAL AUTHOR'S BIOGRAPHY

Approximately 50 words.

### 5. ABSTRACT TEXT

 Approximately 250 words.

### 6. KEYWORDS

 Maximum of five keywords

## VI. Hotel Information

**Symposium Hotel:** *Grand New World Hotel, Xian (4 Star)*

**Symposium Room Rate:** 50 USD (Breakfast covered)

**Hotel Reservation:** please download hotel reservation  
form at <http://www.ioe.ac.cn/aomatt2005/english/>

and send it to [Yangli@ioe.ac.cn](mailto:Yangli@ioe.ac.cn)

**Questions:** please e-mail, call or fax

Email:

Tel:

Fax:

## VII. Registration Information

### Registration fee:

SPIE Members, Conference Committee

Members, and Authors \$400

Others \$450

Full registration include: one banquet ticket, admission  
to all conference sessions, and one conference  
proceeding.

## VIII. Visa Information

For visa application letter and information, please send  
e-mail to: [chq@ioe.ac.cn](mailto:chq@ioe.ac.cn)

Please consult your travel agent or oversea Chinese  
Consulate web site for visa requirements. If you plan to  
tour before or after the conference, you may apply for a  
tourist visa that does not need visa invitation letter.

**For updated symposium information, registration,  
hotel, etc., please visit symposium web page at  
<http://www.ioe.ac.cn/aomatt2005/english/>**