

# THE INTERNATIONAL CONFERENCE ON OPTICAL THIN FILM AND COATING TECHNOLOGY

## Sponsors



## Frontiers of Optical Coatings

15-18 October 2012, Hangzhou, P. R. China

[Http://www.focasia.cn](http://www.focasia.cn)

FOC 2012

## Call For Papers

Optical coatings nowadays play a much more important role not only in the conventional optical system, but also in the emerging industrial applications. The ultimate optical and non-optical performances such as low loss level, thermal stability, mechanical behavior and laser damage threshold are required. Great progress has been made in almost all aspects but there are still problems and barriers to progress. Thus, their characterization and possible solutions represent important features of this conference.

The conference will be devoted to the frontiers area of optical coatings, with special emphasis on the latest development in this field. Papers on theoretical, experimental and technical aspects covering all the fields will be contributed to the conference. We welcome papers from fundamental and applied research, as well as the development, practical techniques and applications.

### Important Dates

Abstract submission

Deadline: **March 31th, 2012**

Abstract acceptance

Date: **April 30th, 2012**

Manuscript submission

Deadline: **August 10th, 2012**

### Further Information

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### Conference Table Top Exhibition

Along with the Conference to be held between October 15th and October 18th, a Table Top Exhibition will be held.

The Table Top Exhibit includes:

- Your Company name listed on the FOC web sites.
- Your Company name included in the Conference Handouts and proceedings.
- A complimentary list of registered Conference Attendees.
- One complimentary full Conference access for one person.

### Conference Chairs

H. Angus Macleod, *Thin Film Center (USA)*

Norbert Kaiser, *Fraunhofer-Institut für Angewandte Optik und Feinmechanik (Germany)*

Xu Liu, *Zhejiang University (China)*

Zhanshan Wang, *Tongji University (China)*

Christopher J. Stolz, *Lawrence Livermore National Laboratory (USA)*

Claude Amra, *Institut Fresnel (France)*

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Zi Ma, *Institute of Applied Physics of Southwest (China)*

Peifu Gu, *Zhejiang University (China)*

Kui Yi, *Shanghai Institute of Optics and Fine Mechanics (China)*

### Conference Secretary

Hui Ye, *Zhejiang University (China)*

Weidong Shen, *Zhejiang University (China)*



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## Conference Topics

- Design of coatings
- Optical coating materials
- Coating deposition techniques
- Characterization and monitoring
- Large area deposition
- Coating stress and mechanical properties
- Laser resistance coatings
- Coatings for ultrafast optics
- Soft X rays/EUV/DUV/VUV coatings
- Organic optical coatings and coatings on polymer
- Optical thin films for microcomponents
- 1D photonic crystal and metamaterials
- Patterned coatings and thin film array
- New applications of optical coatings

## Venue

Hangzhou, the capital of Zhejiang, is the most distinguished and beautiful city in China. Marco Polo once declared it to be "the most beautiful and elegant city in the world". Hangzhou was the capital of the Wu and Yue States in the 10th Century during the Five Dynasties Period, and had its political heyday in the Southern Song Dynasty (1127-1279), when it served as the capital of China.



Hangzhou is famous for its outstanding natural beauties and historical and cultural sites. West Lake, laid on the west edge of Hangzhou, is the symbol of Hangzhou. It looks like a sparkling pearl imbedded in between a blue smudge of mountains and a metropolitan city, with the zigzagging Qiantang River floating by like a silver ribbon. Aside from West Lake, Temple of Inspired Seclusion built in the Eastern Jin dynasty (317-420AD) is one of the ten most famous ancient Buddhist temples in China. Just as there is paradise in heaven, there are Suzhou and Hangzhou on earth.

As a famous scenic city in China, Hangzhou attracts more than 20 million domestic and foreign tourists every year!

More information about Hangzhou click:

<http://www.gotohz.gov.cn/>