

LIMIS 2016 Second Announcement
The 4th International Symposium on Laser Interaction with
Matter

1. Organizers

State Key Laboratory of Laser Interaction with Matter

Science and Technology on Plasma Physics Laboratory

2. Cooperating Organization

The International Society for Optical Engineering(SPIE)

3. Sponsors

Northwest Institute of Nuclear Technology

Changchun Institute of Optics, Fine Mechanics and Physics, Chinese

Academy of Sciences

Research Center of Laser Fusion, China Academy of Engineering Physics

Institute of electronics, China Academy of Engineering Physics

Advanced Solid State Laser Technology Key Laboratory of the Ministry
of Industry and Information Technology, Nanjing University of Science
and Technology

Institute of high energy laser technology, National University of Defense
Technology

European Laser Institute(ELI)

Optical Society of America(OSA)

Matter and Radiation at Extremes(MRE)

4. Symposium Topics

1) Laser irradiation effect and mechanism

Laser irradiation effect on materials

Laser irradiation effect on EO device and system

Thermo-mechanical effect and mechanisms of laser irradiation

Laser irradiation effect and diagnostic technology

2) Laser plasma physics

Laser-plasma interaction

Mechanism of laser plasma production

Physics of ultra-intense laser plasma

Laser plasma diagnostics

3) Laser spectrum technology and applications

Laser spectrum measurement technology

Application of laser spectroscopy in combustion diagnostics

Laser remote sensing

New applications of laser spectroscopy

4) High power lasers

Gas lasers

Chemical lasers

Solid state lasers

Fiber Lasers

Other new high power lasers

5) Nonlinear optics

New developments in nonlinear optics

Applications of nonlinear optics

THz sources and other frequency transformation

Fiber nonlinear optics

6) Laser processing

Laser beam transformation

Laser processing of materials

Micro-nano optics

New developments in laser processing devices

5. Publication

The Proceedings of this conference will be published in the SPIE Digital Library along with nearly 300000 papers from other outstanding conferences and articles from SPIE Journals.

6. Fees

Registration Fee: The regular registration fee is 2500 RMB or 500 USD

per person. Graduates with valid certificate or ID only need to pay 1500 RMB or 300 USD.

Publication Fee: The publication fee is 1000 RMB or 200 USD per paper.

7. Honorary Chairs

Bingkun Zhou, Academician, Chinese Academy of Sciences; Vice President, International Commission for Optics; President, Chinese Optical Society; Professor, Tsinghua University(China)

Weiyan Zhang, Academician, Chinese Academy of Sciences; Vice President , Chinese Nuclear Society; Professor, China Academy of Engineering Physics(China)

8. Symposium Co-chairs

Yongkun Ding, Professor, Research Center of Laser Fusion, China Academy of Engineering Physics (China)

Guobin Feng, Professor, State Key Laboratory of Laser Interaction with Matter

Dieter H. H. Hoffmann, Professor, Technische Universität Darmstadt (Germany)

Jianlin Cao, Professor, State Key Laboratory of Applied Optics (China)

Yongfeng Lu, Professor, University of Nebraska; President, The Laser Institute of America (LIA) (USA)

9. International Advisory Committee

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11. Organizing Committee

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Symposium Secretariat

Zongqing Zhao, Professor, Science and Technology on Plasma Physics Laboratory (China)

Aiping Yi, Professor, State Key Laboratory of Laser Interaction With Matter (China)

12. Important Dates

Abstract Deadline: July 31, 2016

Paper Deadline: Nov.5, 2016

Symposium: Nov. 6-9, 2016

13. Abstract Submission

To ensure a high-quality conference, only papers that present new original research and are written well in clear English will be accepted. All abstracts and manuscripts will be reviewed by the Program Committee.

The length of the extended abstract should contain approximately 500 words. The Abstract Format Template from www.limisconf.org is recommended.

Submission Method: www.limisconf.org

14. Symposium Affairs Office

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