

# 第八届超快现象与太赫兹波国际研讨会 (ISUPTW 2016)

2016年10月10日-12日

中国科学院重庆绿色智能技术研究院欢迎您!

## 征稿通知

由中国科学院重庆绿色智能技术研究院、中国科学院物理研究所、美国罗切斯特大学光学研究所、首都师范大学、上海理工大学主办，美国光学学会协办的第八届超快现象与太赫兹波国际研讨会 (The 8th International Symposium on Ultrafast Phenomena and THz Waves, ISUPTW 2016) 将于 2016 年 10 月 10-12 日在重庆举行。此次会议将由中科院重庆绿色智能技术研究院崔洪亮教授、中科院物理所魏志义教授和美国罗切斯特大学光学研究所张希成教授担任会议主席。

ISUPTW 由国内外知名专家共同发起, 目的是通过此会加强国内外科研人员的相互了解及合作, 推动超快激光和太赫兹科学技术的研究发展。该会从 2002 年开始每两年由不同的研究机构举办一次。到目前为止该会已成功举办了七届, 分别由中国科学院物理研究所、上海微系统与信息技术研究所、中国科学院紫金山天文台、天津大学和首都师范大学、以及中国科学院西安光学精密机械研究所、华中科技大学光电国家实验室和中国科学院上海微系统与信息技术研究所主办。

本次会议将有大约 70 位邀请报告人, 包括 4 位大会特邀报告人, 其中 1/4 至 1/3 的邀请报告人将来自海外。

现面向各位学界同仁公开征稿, 在此谨代表会议主席诚邀各位老师及研究生大力支持和积极参与! 若您有任何问题或建议, 可随时与我们联系。投稿系统指南和更多会议信息请扫描二维码或浏览会议网址: <http://isuptw2016.csp.escience.cn>。



本次会议将涉及“太赫兹波科学与技术”和“超快科学与技术”两个专题领域, 围绕本次会议主题, 来稿包括但不限于以下议题:

专题一: 超快现象与超短脉冲激光器的发展

1. 超快科学与技术
2. 物理、化学、生物中的超快现象
3. 超快诊断、图像处理和数据分析

4. 阿秒脉冲产生和测量
5. 超高强度激光及应用；强场物理；超快非线性光学
6. 超快光源及其应用

专题二: 太赫兹科学与技术

1. 太赫兹源: 太赫兹辐射产生新机制、方法和技术
2. 太赫兹波传输、太赫兹通讯
3. 太赫兹新理论、设备和技术
4. 太赫兹光子器件: 等离子体激元与超材料
5. 太赫兹波在太赫兹光谱、成像、传感和物理、化学及生物医学等领域的应用
6. 强太赫兹源; 太赫兹强场物理; 太赫兹波与物质的相互作用

**【投稿指南】**

[http://www.osa.org/en-us/meetings/topical\\_meetings/the\\_8th\\_international\\_symposium\\_on\\_ultrafast\\_pheno/submission\\_guidelines/](http://www.osa.org/en-us/meetings/topical_meetings/the_8th_international_symposium_on_ultrafast_pheno/submission_guidelines/)

欢迎大家踊跃投稿! 会议接收论文将由 OSA 归档并由 EI 数据库收录!

**【重要日期】**

投稿截止日期: 2016 年 8 月 1 日

录用通知日期: 2016 年 9 月 6 日

会议召开日期: 2016 年 10 月 10-12 日

**【联系方式】**

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# The 8th International Symposium on Ultrafast Phenomena and Terahertz Waves (ISUPTW 2016)

10-12<sup>th</sup> October, 2016

Welcome to CIGIT, Chongqing, China!



## Call for Papers

On behalf of the Program Committee, we are pleased to announce that the 8th International Symposium on Ultrafast Phenomena and Terahertz Waves (ISUPTW 2016) will be held in Chongqing, China from October 10 to 12, 2016. ISUPTW 2016 is organized by Chongqing Institute of Green and Intelligent Technology (CIGIT) of CAS, Institute of Physics (IOP) of CAS, The Institute of Optics, University of Rochester, the Capital Normal University (CNU), the University of Shanghai for Science and Technology (USST), and the Optical Society of America (OSA).

ISUPTW, an international symposium, is devoted to strengthening the collaboration among worldwide researchers and promoting the development in Ultrafast and Terahertz science and technology. The biennial symposium, initiated in 2002, has been held in Beijing, Shanghai, Nanjing, Tianjin, Xi'an, and Wuhan. It brings together scientists, technologists, and students from more than 10 countries and typically hosts 150-300 participants.

This symposium provides an excellent opportunity to share and exchange ideas. We look forward to welcoming our friends and colleagues from all around the world. The paper submission system is open now! We warmly invite you and your colleagues as well as students to submit the latest work. The contributed papers will be archived on EI Compendex by OSA. We believe you will not only enjoy the exchange and discussions on ultrafast phenomena and terahertz wave, but will also have a memorable experience in Chongqing, China. You may find more information by searching on the website: <http://isuptw2016.csp.escience.cn> or scanning the right 2-D barcode.

It is our great pleasure to invite you to attend this symposium. Your contributions are crucial to the success of this exciting event.

We look forward to seeing you in Chongqing, China.



## General Chair:

Hongliang Cui (CIGIT, CAS, China)

## Co-chairs:

Zhiyi Wei (Institute of Physics, CAS, China)

Xi-Cheng Zhang (The Institute of Optics, University of Rochester, USA)

## Topics may include, but are not limited to:

### **Symposium I: The development of ultrafast phenomena and ultrashort pulse laser**

1. Ultrafast science and technology;
2. The ultrafast phenomena in physics, chemistry, and biology;
3. High-speed diagnosis, high-speed imaging, and high-speed data processing etc.;
4. Attosecond pulse generation and measurement;
5. Ultra high intensity laser and its application; high-field physics; ultrafast nonlinear optics;
6. Ultrafast light sources and their applications.

### **Symposium II: Terahertz science and technology**

1. Terahertz sources: Novel mechanism, method and technology of terahertz generation;
2. Terahertz wave transmission, terahertz communication;
3. The novel theory, device and technology for terahertz wave;
4. Terahertz photonic device: plasmon and metamaterial;
5. The applications of terahertz wave in terahertz spectroscopy, imaging, sensing and in the basic researches of physics, chemistry, biomedicine etc.
6. Intense terahertz source and its nonlinear phenomena; terahertz high-field physics; interaction between terahertz radiation and materials.

## Invited Speakers:

ISUPTW 2016 will invite around 70 invited speakers including 4 Plenary Speakers, 1/4 to 1/3 of them will be from abroad.

## Submission Instruction:

[http://www.osa.org/en-us/meetings/topical\\_meetings/the\\_8th\\_international\\_symposium\\_on\\_ultrafast\\_pheno/submission\\_guidelines/](http://www.osa.org/en-us/meetings/topical_meetings/the_8th_international_symposium_on_ultrafast_pheno/submission_guidelines/)

**The contributed papers will be archived on EI Compendex by OSA !**

## Key Dates:

Submission Deadline: August 1, 2016

Author Notification Letters Sent: September 6, 2016

Conference Date: October 10-12, 2016

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