



浙江大學聚變理論與模擬中心 潘雲鶴

Institute for Fusion Theory and Simulation, Zhejiang University

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9th West Lake International Symposium on Plasma Simulation

The First Announcement

Numerical simulation is a powerful tool to study complex nonlinear behaviors of plasmas. Institute for Fusion Theory and Simulation, Zhejiang University (IFTS-ZJU) will host the 9th West Lake International Symposium on Plasma Simulation at Zhejiang University, Hangzhou, China in May 18-21, 2015. The Symposium will focus on simulation models and numerical scheme as well as their applications in magnetically and inertially confined, space, and astrophysical plasmas. Scientists as well as graduate students, both domestic and abroad, are welcome to participate.

The Symposium format will consist of Invited and Contributed Talks, and Posters. In addition to present their recent results and progresses, participants are encouraged to explore new directions for future investigations as well as possible collaborations.

Symposium Language: English.

Sponsor: Institute for Fusion Theory and Simulation, Zhejiang University;

Computational plasma physics division of Computational physics society.

Association of Asia Pacific Physical Societies, Division of Plasma Physics

Scientific Program Committee:

A. Bhattacharjee, L. Chen, G. Y. Fu, M. Hoshino, X. T. He, L. C. Lee (Chair), H. Sugama, C. Wang, L. O. Silva, X.Q. Xu, S. P. Zhu, F. Zonca



Local Organization Committee:

Ma, Zhi-Wei (ZJU, Chair); Sheng, Zheng-Mao (ZJU, Co-Chair); Xiao Yong (ZJU);
Wu, Huichun(ZJU)

Pre-registration:

Please return the attached form by email before April 1, 2015.

Contact Persons: Ms. Sun(Secretary)

Email: ifts@zju.edu.cn

Tel: 0086-0571-87953967

Registration Fees for each participant (On-site Payment) :

	Domestic Participants	International Participants
Regular	CNY ¥1,800	US\$300
Student	CNY ¥900	US\$150

Travel Grants:

Travel Grants are available for a limited number of students and invited speakers to attend the workshop. Please make a formal request if you need a travel grant.

Institute for Fusion Theory and Simulation,
Zhejiang University

Dec. 1, 2014

Attachment:**9th West Lake International Symposium on Plasma Simulation
Sign up Form**

Name		affiliation			
Gender		Age		Title / Position	
Address				Postcode	
Tel		Fax		E-Mail	
Title of talk					
Brief Abstract					



The Ninth International West Lake Symposium

- Plasma Simulation

Hangzhou, China

May 18-21, 2015

40 tons of stainless, depleted uranium, or spent nuclear fuel (or 7 tons of plutonium and highly enriched uranium)

regional laser

fusion of energy

200-300 megawatts of fusion power

fusion gain 4-10

2,000-5,000 megawatts of thermal power

Blanket

98 percent burnup

Fission products

Waste disposal

300-400 MW of fusion power

2,000-5,000 MW of thermal power

98 percent burnup

Fission products

Waste disposal

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C. Wang, L. O. Silva, X.Q. Xu,
S. P. Zhu, F. Zonca

Organizers: ZW Ma (Chair), ZM Sheng (Co-Chair), Y Xiao, HC Wu

Institute for Fusion Theory and Simulation
Zhejiang University
<http://ifts.zju.edu.cn/simulation.php>

