

## Call for papers

This is a cordial invitation to submit papers on all aspects of energy and its impacts to this well-established 26<sup>th</sup> ECOS conference that will be held 16-19 July 2013 in Guilin, China, and of course to join this vibrant scientific/engineering community by attending the conference to share knowledge and network with colleagues from all over the world. The papers will be reviewed by the International Scientific Committee for presentation and conference proceedings publication acceptance, and selected papers will be recommended for publication consideration in several international archival journals.

## Conference deadlines

<b>November 30, 2012</b>	Deadline for abstract
<b>January 15, 2013</b>	Deadline for draft paper
<b>March 31, 2013</b>	Review completed
<b>April 30, 2013</b>	Deadline for final paper

## Abstract submission

To submit abstracts and papers authors must first create an account at the web site <http://www.ciccst.org.cn/ecos2013/>, where they can afterwards submit their abstract or paper. All communications with the authors during the review process of their abstract or paper will be conducted via this site. Please do not submit your work directly by e-mail, because it will not be considered.

## Conference fee

	By <u>May 20, 2013</u>	After <u>May 20, 2013</u>	On site
Regular participation	500 €	550 €	600 €
Student participation	300 €	330 €	350 €
Accompanying persons		160 €	
Local participation*			

\*will be announced later

## Contact addresses of the Organizing Committee

### Mailing address:

ECOS 2013 Conference  
No.11, West of the 4<sup>th</sup> North Ring Road  
P.O.Box 2706, Beijing 100190,  
P. R. China

### E-mail:

ecos2013-china@iet.cn

<http://www.ciccst.org.cn/ecos2013/>

## Partners

National Natural Science Foundation of China  
Chinese Academy of Sciences  
Institute of Engineering Thermophysics, CAS



# ECOS 2013

26<sup>th</sup> International Conference  
on Efficiency, Cost, Optimization,  
Simulation and Environmental  
Impact of Energy Systems

## Organizers

Chinese Society of Engineering Thermophysics  
China International Conference Center for Science and Technology

## Journals (partial list)

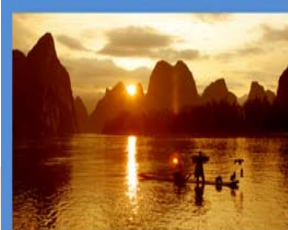
Energy  
Energy Conversion and Management  
The International Journal of Thermodynamics

CALL FOR  
PAPERS



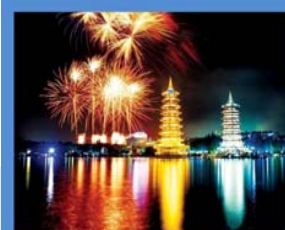
Guilin, China  
July 16-19, 2013

Lijiang River



The river connects Guilin and Yangshuo county

Golden and Silver Pagodas in Fir Lake



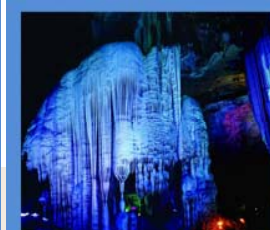
Night view of Guilin city

Sister Liu



The most popular Zhuang folk singer

Karst cave landscape



Silver cave

Longsheng county



Longji terrace

## Conference Topics

### Focal theme for ECOS 2013

International and regional cooperation for sustainable development of energy systems: needs, methodologies, technologies, accomplishments, plans, and potential.

### Detailed Conference Topics

#### Development and Application of Methods in:

Basic and Applied Thermodynamics; Simulation, Improvement and Optimization of Energy Systems; Sustainability of Energy Systems; Energy Conservation; Energy Efficiency and Climate Change Mitigation; Process Design, Analysis and Integration of Thermal and Chemical Systems; Renewable Energy Conversion, Use and Integration; Nuclear Power; Heat and Mass Transfer; Combustion and Reaction; Building, Urban and Distributed Energy Systems; Operation, Diagnostics and Control of Energy Systems; Carbon Capture and Storage, Zero-Emission Technologies and Strategies; Life Cycle Assessment and Environmental Impact of Energy Systems; Energy and Water Interactions; Electricity Generation and Transmission; The Smart Grid; Recycling; Manufacturing; Coal, Oil and Gas: Mining, Drilling, Hydrofracturing; Transport Energy and Emissions; Social Impacts of Energy Systems; Energy Systems Economics and Planning; Regional Energy Development; Unconventional Fossil Fuels: Shale Gas, Tight Gas, Coalbed Methane, Methane Hydrates

#### Relevant Physical Systems:

Clean Coal Technologies; Conventional and Advanced Power Plants; Hydropower Plants; Biomass Conversion Systems; Internal Combustion Engines; Turbines; Cogeneration and District Heating; New Technologies in Heat Pumps, Refrigeration and Air Conditioning; Fuel Cells and Integrated Systems; Renewable Energy Systems; Industrial Process Plants; Hydrogen and Natural Gas Technologies; Energy and Buildings; Energy Storage; Solar Integrated System; Agriculture; Water Desalination and Treatment; Decentralized Energy Systems; Integrated Smart Energy Networks

### Special sessions, tutorials, and workshops

Proposals for holding special sessions, tutorials and workshop are invited from prospective authors, industrial bodies and academicians, and should be addressed to the Chairs. The program committee is currently looking for speakers and financial sponsors from industry, academia, and professional bodies.

## Conference Chairs

Jianzhong **Xu**, Chinese Society of Engineering Thermophysics, China  
Hongguang **Jin**, Institute of Engineering Thermophysics, CAS, China

## Advisory Committee

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## Organizing Committee

### Chair

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Yingru **Zhao**, Xiamen University, China

## About Guilin

**Guilin** (Chinese: 桂林) <http://en.wikipedia.org/wiki/Guilin>

is a prefecture-level city in the northeast of the Guangxi Zhuang Autonomous Region of South Central China, on the west bank of the Lijiang River. Its name means "forest of Sweet Osmanthus", owing to the large number of fragrant sweet osmanthus trees located in the city. Marked by karst formations, and with the Lijiang River flowing through it, the city has long been renowned for its uniquely attractive scenery.

Guilin is the home to more than 20 ethnic groups and is therefore flourishing with colorful folk culture and customs. The major minority group is "Zhuang", other minority groups include "Miao", "Hui", "Yao", "Dong", and so on.

## Transportation

**Airport: Guilin Liangjiang International Airport**

[http://en.wikipedia.org/wiki/Guilin\\_Liangjiang\\_International\\_Airport](http://en.wikipedia.org/wiki/Guilin_Liangjiang_International_Airport)

It is 28 km away from the city center. The airport is connected to national and international destinations by more than 50 skyways. The national flights are connected to 45 domestic cities. The direct international flights are available in Hong Kong, Macao, Taipei, Seoul, Bangkok, Fukuoka, and Kuala Lumpur.

There are shuttle buses and taxis available for the transportation between the airport and the central city. The fee is 20 Chinese yuan (~ 3 US\$) for shuttle and about 90 yuan (~14 US\$) by taxi.

Detailed guidance to non-Chinese speakers for getting from the airport to the hotels will be provided on the conference website. A conference welcome desk will be set up in the airport if needed.



桂林山水甲天下 — "Guilin's scenery is best among all under heaven."  
— popular Chinese saying