

Announcement of the 12th China International Geo-Electromagnetic
Workshop

1st call for abstract

China is a country with huge potential resources, but is still a country encountered for problems of shortage of resources supplies and worsening of ecological environment. Electromagnetic method plays an indispensable role in the study to solve the above problems in different fields, such as in resource exploration, engineering survey and geological survey, etc. The geo-electromagnetic committee of the Chinese Geophysical Society is scheduled for a biennial workshop, the 12th China International Geo-electromagnetism Workshop. This workshop will be hold in **Central South University** (Changsha city of the Hunan province, China) on **October 21 to October 23, 2015**. The purpose of this workshop is to improve the level of electromagnetic prospecting and to promote the electromagnetic detection technology for better serving the rapid economic construction and social development in China. This workshop will be a platform for exchanging the state-of-art of current geo-electromagnetic techniques both in theory and applications. Geo-electromagnetic scientists over the world are very welcome, especially for young scientist and students. The detailed time table will be announced in the second call.

I . Workshop Theme

To focus on the state-of-art of the developments in the electromagnetic exploration methods and to improve its application in resources explorations.

II. Preliminary subjects

- (1) Electromagnetic instruments and new observation techniques
- (2) Rock geophysics and experiment
- (3) Electromagnetic data processing, inversion and imaging
- (4) Application in solid mineral exploration
- (5) Application in oil, gas and unconventional energy exploration
- (6) Application in the groundwater, geo-engineering, environment and mitigation of disaster
- (7) Application in detection of the lithosphere structure and earthquake monitoring
- (8) Research of electromagnetic wave propagation
- (9) Marine electromagnetic method
- (10) Other related new methods , new technologies and new progress

III. Basic principles of the workshop

1. The workshop will highlight the practical application of electromagnetic methods. There will be several seminars with topics on

exchanging new ideas, new methods and new insights.

2. There will be invited lecture, normal oral presentations and poster seminar will be arranged. Decision on oral or poster presentations will be made by the committee. Oral presentations and poster presentations should have the same academic quality.

3. The time and the place of the presentations will be announced in a further-coming workshop booklet. Only authors of submitted abstracts who have registered before the deadline (the specific date will be fixed in the second call) will be included in this booklet. Those who registered after the deadline will also be considered, but may be with extra fee.

4. Domestic attendants should provide both English and Chinese versions of their abstracts. Presentations should be written in English. The presentations can be in Mandarin or in English, however English is highly recommended.

6. High academic quality presentations with innovative ideas submitted by students are very welcome. Supervisors of students must have reviewed the presentations of their students and should make a normal recommendation for their students. We will select several outstanding student presentations in this workshop, and award the student authors.

7. The abstract should be submitted to email: renzhengyong@csu.edu.cn

8. Submission deadline: **June 30, 2015**

9. The manuscript format and other information see the workshop website

IV. Date and Place

1. Date: October 21-23, 2015 (The full day of October 20 is open for registering)
2. Place: Central South University. Address: No.932, the south Yuelu Road, Changsha, Hunan.

V. The organizer and supporter

Organizer: Geo-electromagnetic committee of the Chinese Geophysical Society

Supporter: Central South University

National Natural Science Fund of China

Hunan Geophysical Society

Key Laboratory of Nonferrous Resources and Geological

Disasters Detection of Hunan

Sponsors:

Bureau of Geophysical Prospecting, CNPC

Hunan Nonferrous Geological Exploration Bureau of Geophysical

Branch

Hunan 5D Geosciences Exploration & Technique Co., Ltd.

YueYang Aocheng Technology Co., Ltd.

Champion Geophysical Technology Ltd.

Hunan GEOSUN high-tech, Ltd.

Hunan ZhiLi engineering and technology, Ltd.

Changsha Baiyun Instrument Development Co., Ltd.

Welcome domestic and foreign enterprises and institutions to fund the workshop. We will arrange a place for exhibitors. Please contact the organizing committee for details.

VII. Contact information

Zhengyong Ren

Institute of Geophysics, School of Geosciences and Info-Physics,
Central South University, Changsha, Hunan.

Zip Code: 410083

Telephone: 86- 18874028327

Fax: 86- 0731- 88836201

Email: renzhengyong@csu.edu.cn

Workshop Website: <http://gip.its.csu.edu.cn/cigew-2015>

Chinese Geophysics Society (CGS): <http://www.cgs.org.cn/>

Geo-electromagnetic committee of CGS: <http://www.geoem.info/>

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Vice Chairman: Qinghua Huang Jingtiang Tang

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