



Society of Exploration Geophysicists
The international society of applied geophysics



GEM Beijing 2011

**International Workshop on Gravity, Electrical and Magnetic
Methods and Their Applications**

October 10 – 13, 2011

**International Conference Center at China University of Geosciences
Beijing, China**

Co-Organized by
The Society of Exploration Geophysicists
The Chinese Geophysical Society

Supported by
China University of Geosciences

Second Announcement

<http://geophysics.mines.edu/cgem/gem2011.html>



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IMPORTANT DATES

<u>May 31, 2011</u>	Deadline for abstract submission
<u>August 31, 2011</u>	Deadline for advanced registration
<u>October 10 – 13, 2011</u>	Workshop (registration & icebreaker on Oct 10)

WORKSHOP GOALS

Significant advances in gravity, electrical, magnetic and remote sensing methods and technologies have been made recently while new types of geological targets, problems, and application settings bring new difficulties and challenges. Various industry and academic groups have applied these different geophysical techniques with noticeable successes in a wide range of areas including the exploration and development of oil & gas and minerals and investigation of environmental and engineering problems. Researchers and practicing geophysicists in different regions have developed innovative

and successful approaches that are not widely known in the worldwide geophysical communities, whereas a lot of challenging exploration and engineering problems may not be exposed to researchers from different regions. The goal of this SEG/CGS workshop is to bring together experts from academia, government agencies, resources companies, and contractors to share the latest technological and methodological developments and successful experiences, and to discuss challenges and future directions and needs.

WORKSHOP TOPICS

• Methodologies and Technologies

Instrumentation (land, marine, airborne and borehole) and field data acquisition

Processing, modeling, and interpretation algorithms

Integrated interpretation and joint inversion of multiple data sets

• Oil & Gas Exploration and Production

Hydrocarbon prospect generation

Structural studies

Exploration in difficult areas: deepwater, volcanics, fracture, etc

Sub-salt and sub-basalt imaging

Heavy oil and oil sands

Reservoir monitoring

• Mining & Geothermal Applications

Reconnaissance and regional structure mapping

Regional lithology and mineralogy prediction

Exploration under cover and at depth

Deposit delineation and characterization

Geothermal exploration and monitoring

• Environmental & Engineering Geophysics

Carbon capture and storage

Geophysics in archaeology

Geophysics for groundwater and hydrology

Geoforensics

Geotechnical applications

ABSTRACT SUBMISSION

The workshop will consist of oral, poster, and invited presentations. Abstracts in English should be between two and four pages in length and written in the format of the SEG expanded abstract for the annual meeting. A Microsoft Word template of the abstract can be downloaded from the Workshop website:

<http://geophysics.mines.edu/cgem/gem2011.html>

The abstract in MS Word may be sent to the following email address:

gem@seg.org

Files attached to the email should be no larger than 10 MB. Please write the following information in the email:

- Title of the paper
- Names of author and co-author(s)
- Intended technical session (topic)
- Preference of oral or poster or either
- Contact information (name, e-mail, postal address, phone/fax numbers) of the corresponding author (presenter)

If you do not receive an email acknowledging its receipt in a week after your submission, please contact us.

The Technical Committee will review the abstracts and will send a notification email of acceptance by July 10. The accepted abstracts will be converted to PDF, collected on a CD and distributed to the participants.

SEG HONORARY LECTURES

SEG kindly sponsors presentation of two 2011 SEG Honorary Lectures during the Workshop. The lecturers and the titles of their lectures are:

Lucy MacGregor: Integrating well log, seismic, and CSEM data for reservoir characterization

Richard Lane: Building on 3D geological knowledge through gravity and magnetic modeling workflows at regional to local scales

There is no additional charge for participants of the Workshop to attend these Lectures. For more information, please visit the web page of the SEG Honorary Lecture Program:

<http://www.seg.org/education/lectures-courses/honorary-lecturers>

INVITED PRESENTATIONS

Three keynote speakers have been confirmed. The speakers and the titles of their presentations are:

Jared Abraham: Airborne electromagnetic surveys: A quantitative tool for groundwater management

David Isles: How to get twice as much exploration value from aeromagnetic surveys

Max Meju: Structure-coupled joint inversion of geophysical data: Methods and challenges

SPONSORSHIP

We invite companies and organizations to sponsor the workshop. For sponsorship opportunities please contact us at:

gem@seg.org

REGISTRATION

- Fees for Advanced Registration until August 31, 2011:
 - RMB ¥2000 or US\$300 for a SEG or CGS member.
 - RMB ¥2600 or US\$400 for a non-SEG or non-CGS member.
 - RMB ¥1000 or US\$150 for a student.

The registration fee includes the icebreaker, three lunches and three dinners.

- Late Registration:

After August 31, 2011, a late registration fee of RMB ¥600 or US\$100 will be added to the advanced registration fee.

- Registration Form:

The registration form can be downloaded from the Workshop website. See the registration form for details.

- Participants from China need to use the Chinese-version registration form and send the completed form together with the payment in Chinese RMB ¥ to the CGS office in Beijing.
- Participants from outside China need to use the English-version registration form and to send the completed registration form and the payment in US\$ to the SEG office in Tulsa, OK, USA.

ACCOMMODATION

Both the workshop venue and the workshop hotel are housed in the International Conference Center of China University of Geosciences (BJGICC). This newly-built Conference Center was opened in 2010. The hotel room rates for participants of GEM Beijing 2011 are listed in the following table:

Code	Room Type	Price (RMB ¥)
A1	Standard King	280
A2	Standard Twin	320
B1	Business King	380
B2	Business Twin	420
C1	Chinese King	468
C2	Executive King	568
D1	Business Suite	888
D2	Executive Suite	1188
All rates include breakfast. US\$1.00 = ~RMB ¥6.60.		

For more information please visit the website of the BJGICC:

<http://www.bjgicc.com>.

A reservation can be made by email or fax:

E-mail: reservation@bjgicc.com

Fax: +86-10-8232 3676

Tel: +86-10-8232 3888 extension 6085 or 6086 (Reservation Department).

The reservation email or fax should include the following information:

- An indication of a reservation for GEM Beijing 2011
- The room type and its code
- The arrival and departure dates/times
- The full name(s) of person(s) and nationality (ties)
- The contact information (phone and email)
- The credit card information (card type: Visa, Master, or AMEX; name on the card; card number and expiration date)

TRANSPORTATION FROM THE AIRPORT TO THE VENUE

The BJGICC is about 38 km from the Beijing Capital International Airport. Please print the following Chinese-English note and show to the taxi driver.

请送我到海淀区学院路29号中国地质大学内，位于其北侧的国际会议中心。谢谢！
Please drive me to BJGICC at China University of Geosciences. Thank you.



If an airport pick-up is desired (at your own cost of about RMB ¥ 300 or US\$50), please send an email to:

reservation@bjgicc.com

The email should contain

- The passenger's name

- The flight information (airline and flight number, departure city, arrival date and time)

A driver will meet you at the airport after clearing customs.

VISA SUPPORT

October is the golden month of a year for Beijing. The first day of October is the National Day of China and the first week of October is public holidays of the whole country. The Workshop falls in the following week. The Workshop venue is close to many popular tourist attractions: the Olympic Stadium (Bird's Nest), the Summer Palace, the Forbidden City, the Great Wall, etc.

If you need an invitation letter for a Chinese visa application, please send an email to:

gem@seg.org

and provide the following information.

- Full name (as appears on the passport)
- Nationality
- Date of birth
- Occupation
- Passport number
- Passport expiration date
- Mailing address and phone number
- A proposed or confirmed itinerary

The Local Organizing Committee will send an invitation letter only after a registration is made. A paid registration fee will be refunded if a visa is not granted. It is strongly recommended to apply for a Chinese visa as early as possible (e.g., two months in advance).

