



NEWSLETTER

aprile 2014

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Maggio/2014: Honorary Lectures

16-19/9/2014: EAGE

15-19/9/2014: IAEG XII Congress

25-27/3/2015: OMC Congress

Lectures

Nel 2014, l'Honorary Lecture sarà tenuta da **Laurent Sirgue** (Total, Pau, France) presso 4 sedi in Italia: Pisa (19 maggio), Milano (21 maggio), Trieste (22 maggio) e a Torino (26 maggio).

Full waveform inversion of seismic data: Investigating the Earth for high-resolution velocities and more...



I will first review the basic theory of FWI. I will then define, by means of illustrative synthetic examples, the key parameters that play a role in the success of FWI (data and model requirements). This will lead to the understanding of why FWI has enjoyed its most success in the recovery of shallow velocity anomalies. I will continue by showing real data examples that demonstrate the potential of FWI to generate high-resolution velocity models which may improve the images produced by PSDM. Because of the highly detailed nature of the velocity field produced from FWI, it also contains valuable information that can be used directly for geologic interpretation. I shall finally discuss ongoing research and the evolution of FWI across the academic and industrial communities. This lecture is intended for a large audience and no background knowledge about FWI is needed.

Maggiori informazioni sul sito:

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

Eventi Scientifici

Il prossimo settembre 2014 a Torino si terrà la XII International IAEG Congress. Due sessioni sono organizzate da nostri colleghi:

- Giulio Iovine, in collaborazione con Christoph Aubrecht, Denis Cohen, Johannes Huebl, Stefania Nisio, Mario Parise, Manuel Pastor, stanno organizzando la seguente sessione:

Approaches to landslide risk modelling and mitigation

- Luigi Sambuelli, in collaborazione con Michele Pipan, Maurizio Fedi, Ettore Cardarelli e il giovane ricercatore Cesare Comina, stanno organizzando la seguente sessione:

Exploration, exploitation and monitoring geothermal energy fields: the role of geophysics



Per ulteriori informazioni, consultare il sito:

<http://www.iaeg2014.com>

Call for Papers

Il 30 agosto 2014 è la deadline per sottomettere articoli alla pubblicazione speciale:

Geophysical imaging and interpretation of outcrops

La rivista "Interpretation" è una rivista dedicata alla caratterizzazione del sottosuolo, pubblicata congiuntamente dal SEG e AAPG.

Per ulteriori informazioni consultare il sito:



<https://mc.manuscriptcentral.com/interpretation>



oppure i Guest Editors Michele Pipan (pipan@units.it) o Emanuele Forte (eforte@units.it).

Il 31 agosto 2014 è la deadline per sottomettere abstract alla Conferenza Offshore Mediterranean Conference & Exhibition (OMC) che si terrà a Ravenna tra il 25 e il 27 marzo 2015.

Gli argomenti proposti sono:

WELL CONSTRUCTION AND MANAGEMENT

- New drilling technologies for critical formations
- Geohazards
- New drilling fluids: environmental impact vs performance
- Stimulation: novel technical aspects and regulatory environment
- Well integrity throughout a well life cycle
- Well data management: opportunities and constraints

BETTER AND MORE EFFICIENT EXPLOITATION OF EXISTING RESOURCES

- EOR and EGR
- Reservoir characterization and monitoring
- Reservoir simulation helping to unlock reservoir potential
- Production optimization
- Intelligent wells
- Recovering energy, from heat and pressure, during hydrocarbon production

OFFSHORE AND DEEPWATER TECHNOLOGIES

- Subsea production systems: progress and new trends
- Long tie backs
- Flow assurance challenges
- Addressing tendency to sand production
- Environmental protection in offshore operations
- Cost effective environmental monitoring of oil& gas installations
- Facility life cycle assessment
- Decommissioning

UNCONVENTIONAL RESOURCES

- Unconventional gas outside the USA: opportunities and hurdles
- Transferring new technologies from unconventional to conventional

GAS TO MARKET

- Compact GTL
- Floating LNG
- CNG

GROWING CHALLENGES IN EXPLORATION

- New seismic advanced process technique
- Improved subsurface imaging and modelling and monitoring
- Applying new geophysical technologies to old data
- Sedimentological and petrophysical characterization of complex systems

GETTING READY FOR THE NEXT 20 YEAR CHALLENGES IN E&P

- Harsh environment
- HP-HT
- Deep and ultradeep offshore
- Sustainability
- Technical and non technical risk assessment

DEVELOPING NEW TECHNOLOGIES

The impact of technology on economics
Case histories of fruitful cooperation between industry and academia
Nano materials in e&p operations

Per ulteriori informazioni consultare il sito:

<http://www.omc2015.it>

**OMC
2015**

OFFSHORE
MEDITERRANEAN
CONFERENCE
& EXHIBITION



Focus on Change: Planning the Next 20 Years

Diversifying choices, increasing opportunities

25-27 March, 2015 RAVENNA, ITALY

Associate professorship in geophysics

Geology Section at Department of Geosciences and Natural Resource Management (University of Copenhagen) wishes to appoint an Associate Professor with a track record in Solid Earth Geophysics.

Applicants must have experience in one of the following subjects:

*Numerical modelling of geodynamic processes
Potential field interpretation*

Further information on the department in general and the geology section and the geophysics research group specifically is linked at: <http://ign.ku.dk/english/>
<http://ign.ku.dk/english/research/geology/>

Inquiries about the position can be made to Professor Hans Thybo, thybo@geo.ku.dk, or Head of Geology Section, Professor Karsten Høgh Jensen, khi@geo.ku.dk.



UNIVERSITY OF COPENHAGEN

Attività per gli studenti

Anche quest'anno, come in passato, la Sezione Italiana EAGE ha offerto una registrazione gratuita a uno Studente di Università italiane, per poter partecipare alla 76th EAGE Conference & Exhibition che si terrà a Amsterdam tra il 16 e il 19 giugno 2014 e un rimborso spese forfettario pari a 300 euro. La vincitrice di questa iniziativa è:

Valentina Mascolo

dottoranda dell'Università degli Studi G. d'Annunzio Chieti-Pescara, iscritta al primo anno del Dottorato in Architettura, Geologia, Ingegneria Civile nonché membro studente EAGE iscritta alla Sezione Italiana EAGE-SEG.

Per ulteriori informazioni riguardo all'evento scientifico associato, consultare il sito:

<http://www.eage.org>

EAGE

Infine, il Consiglio Direttivo vuole cogliere l'occasione per porgere i migliori auguri di Buona Pasqua a tutti i colleghi e ai loro famigliari!

