Participation of EOST staff and alumni at EAGE Copenhagen 2018

Sébastien Soulsas - WS08 Fibre Optic Sensors in Surface and Borehole Geophysics workshop - Mo 11 June
  Chair: J. Musser (Total), V. Lesnikov (Total), M. Thompson (Equinor), S. Soulsas (BP)

Maud Cavalca - Seismic Reservoir Characterization I - Seismic Quantitative Interpretation session — Tu 12 June
  08:30 Tu D 01 - Improving Quantitative Interpretation beneath Sand Injectites: A North Sea Case Study -
  C. Leone¹*, A. Osen², M. Cavalca¹, R. Fletcher¹, M. Ferriday¹
  ¹Schlumberger, ²AkerBP ASA

Fabrice Mandroux - Marine Seismic Acquisition session — Tu 12 June
  08:30 Tu E 01 - Expanding the Limits of Operational Feasibility in Marine Seismic Acquisition: Deploying a
  Source-Over-Spread Solution - A. Camerer¹*, C. Grubb¹, F. Mandroux¹
  ¹CGG

Alexandre Stopin - FWI - Case Histories session — Tu 12 June
  08:55 Tu A 12 02 - Application of Anisotropic Wave Form Inversion on Data from the Niger Delta -
  N. Mitchell¹*, A. Oni², A. Stopin¹, C. Pérez Solano¹, R. Plessix¹, J. Emakpor³
  ¹Shell Global Solutions International BV, ²Shell Petroleum Development Company of Nigeria Ltd, ³Shell
  Nigeria Exploration Production Company

Maud Cavalca - Multiple Attenuation and Manipulation / Imaging I session — We 13 June
  09:45 We C 04 - Using Models of Attenuation in the Prediction of Internal Multiples: Methodology and
  Synthetic Data Examples - C. Kostov¹*, J. Wu¹, Z.J. Wu¹, F. Xavier de Melo¹, M. Cavalca¹
  ¹Schlumberger

Virginie Harcouët-Menou - Geothermal Solutions I (Dedicated Session) session — Tu 12 June
  09:45 Tu B 04 - The Balmatt Demonstration Deep Geothermal Project in Belgium - S. Bos¹, B. Laenen¹,
  V. Harcouët-Menou¹*
  ¹VITO

Nicolas Cuenot, Vincent Maurer, Justine Mouchot, Jeanne Vidal - Geothermal Solutions I (Dedicated Session)
  session — Tu 12 June
  11:45 Tu B 08 - Exploiting Fractured Granites for Producing Heat or Electricity - Dream or Reality? - A. Genter¹*,
  C. Baujard¹, N. Cuenot¹, R. Hehn¹, V. Maurer¹, J. Mouchot¹, O. Seibel¹, J. Vidal¹
  ¹ES Géothermie

David Eckert - 4D Case Studies session — We 13 June
  11:45 We A 08 - 4D Value on Gullfaks: Stronger Than Ever - D. Eckert¹*, E. Sadikhov¹, B. King¹, F. Hansteen¹,
  P. Saure-Thomassen¹, T.V. Mardalen¹
  ¹Statoil ASA

Alexandre Stopin - FWI - Case Histories session — Tu 12 June
  11:45 Tu A 12 08 - Acoustic Vs. Elastic 3-D Full-Waveform Inversion at the East Pacific Rise 9°50’n’ -
  M. Marjanovic¹*, R.E. Plessix², A. Stopin², S. Singh¹
  ¹Institut de Physique du Globe de Paris, ²Shell

Thomas Schaa - Unconventional Resources II (EAGE-SPE) session — Tu 12 June 13:30-17:10
  Convenors: T. Schaa; T. Whittle
Didier Lecerf - 4D Analysis and Evaluation I session — Tu 12 June
13:30 Tu A15 09 - 4D Broadband Towed-Streamer Assessment, West Africa Deep Water Case Study -
**D. Lecerf**, D. Raistrick, B. Caselitz, M. Wingham, J. Bradley, B. Moseley
1PGS, 2BP, 3formaly BP

Antoine Guittton - Seismic Interpretation I - Automation through AI, Machine Learning, Deep Learning session — Tu 12 June
13:55 Tu D 10 - 3D Convolutional Neural Networks for Fault Interpretation - **A. Guittton**
1DownUnder Geosolutions

Maud Cavalca - Seismic Imaging - Least Squares and Migration poster session — Tu 12 June
14:20 Tu P9 11 - Improving Image-domain Least-squares Reverse Time Migration Close to High Velocity Contrasts - R. Fletcher, **M. Cavalca**
1Schlumberger

Jimmy Klinger - Exploration Plays and Prospects A poster session — Tu 12 June
14:20 Tu P4 11 - Reservoir Characterization in Exploration: Integrated Workflow to Enhance the Understanding of a Norwegian Sea Prospect - H. Datir, A. Oevreide, **J. Klinger**
1Schlumberger

Jean Charlety - Seismic Interpretation I - Automation through AI, Machine Learning, Deep Learning session — Tu 12 June
15:30 Tu D 13 - Mixing Unsupervised and Knowledge-Based Analysis for Heterogeneous Object Delineation in Seismic Data - P. Le Bouteiller, **J. Charléty**, F. Delprat-Jannaud, D. Granjeon, C. Gorini
1IFP Energies Nouvelles, 2Sorbonne Université, CNRS-INSU, ISTeP

Jérémie Giraud - Reservoir Characterization II session — Tu 12 June
15:55 Th L 14 - The Upper Jurassic Oxfordian Play on the NCS: The Role of Geophysics in Characterizing a Challenging Sandstone Reservoir - **J. Giraud**, A. Bosold, B. Köhrer
1Wintershall Norge

Maëlle Grout - Seismic Interpretation I - Automation through AI, Machine Learning, Deep Learning session — Tu 12 June
16:45 Tu D 16 - Fast 3D Seismic Interpretation with Unsupervised Deep Learning: Application to a Potash Network in the North Sea - A. Veillard, **M. Grout**, J. Gruffeille
1Krakatoa Pte Ltd, 2ENGIE EP International

Lucas Pimienta - Rock Physics I - Brittleness and Cementation session — Tu 12 June
16:45 Tu A11 16 - Evolution in Physical Properties of Quartz-Bearing Rocks with Evolving Degree of Microfissuration - **L. Pimienta**, M. Violy
1Ecole Polytechnique Federale de Lausanne

Sandrine Vidal-Gilbert - Unconventional Resources II (EAGE-SPE) session — Tu 12 June
16:45 Tu J 16 - An Integrated Geomechanics-Fracturing and Reservoir Simulation Workflow for Optimized Stimulated Rock Volume in the Vaca - **S. Vidal-Gilbert**, R. Cugnart, Y. Sanz-Perl, S. Estrada, Y. Wu, V. De Gennaro
1Total, 2Schlumberger

Emmanuelle Brechet - Seismic Interpretation B - Seismic Attributes poster session — We 13 June 8:30-11:45
Convenors: **E. Brechet**, O. Vejbæk

Didier Rappin - 4D Analysis and Evaluation A poster session — We 13 June 13:30-17:10
Convenors: **D. Rappin**, C. Tarchiani
Thomas Schaaf - *EOR/OR Strategies and Recovery Optimisation I (SPE)* session — We 13 June 13:30-17:10
Convenors: T. Manai; **Thomas Schaaf**

Pierre-Yves Raya - *Seismic Imaging - Case Histories II* session — We 13 June
14:20 We A10 11 - Risk Reduction and Accelerating Drill or Drop Decisions Using DHI and AVO Anomalies: A Case Study from the Vema Dome, NC - **P.Y. Raya**¹*, P. Brown², J. Singh², S. Greenwood², J. Raffle², R. O'Driscoll²
¹Wintershall Norge AS, ²ION

Marc Beller - *Reservoir Quality Modelling - Applied Studies and Case Histories (Dedicated Session)* session — We 13 June
14:45 We G 12 - Rembrandt and Vermeer Oil Fields, Dutch Offshore Block F17-The Impact of Grains on Maastrichtian Chalk Reservoir Quality - H. van Lochem¹*, **M. Beller**¹
¹Wintershall Noordzee BV

Maud Cavalca - *Seismic Attenuation - Theory And Practice I* session — We 13 June
14:45 We F 12 - A Match-filter Approach for Q Estimation and Compensation after Depth Migration - **M. Cavalca**¹*, R.P. Fletcher¹
¹Schlumberger

Gwenola Michaud - *Micro-seismicity and Passive A* poster session — We 13 June 15:30-17:10
Convenors: V. Kazei; **Gwenola Michaud**

Sandrine Deneuvillers - *Seismic Interpretation II - Interpretation and Processing* session — We 13 June
15:30 We A 13 - Multi-Azimuth Modelling, Acquisition and Co-Processing for Joint Structural Interpretation and Model-Uncertainty Assessm - A. Wever¹*, **S. Deneuvillers**¹, V. Smirnov¹, J. Schaaf²
¹Wintershall Noordzee B.V., ²formerly Wintershall Noordzee B.V.

Céline Filippi, Adnand Bitri - *Near Surface - Mining Geophysics* session — We 13 June
15:55 We A10 14 - H/V Ratio as an Indicator for Cavity Detection : Numerical and Experimental Study - **C. Filippi**¹²*, D. Leparoux¹, G. Grandjean², **A. Bitri**², P. Côte¹
¹IFSTTAR, ²BRGM

Emmanuel Masini - *Seismic Interpretation II - Interpretation and Processing* session — We 13 June
16:20 We A 15 - Revisiting Pyrenean Foothills Structural Imaging by Seismic Interpretation in the Shot Domain - Case Study from 2D ECORS - H. Puntous¹, F. Adler¹*, C. Strobbia², **E. Masini**¹, S. Calassou¹
¹Total SA, ²Realtime seismic

Marc Beller - *Activation and Flow Assurance, Fluid Characterization* poster session — Th 14 June 8:30-11:45
Convenors: C. Rodriguez Suarez; **Marc Beller**

Jérémie Giraud - *Potential Field Methods I* session — Th 14 June
08:55 Th F 02 - Inverse Problem Resolution Using Geologically Conditioned Gradient-Based Regularization – Application to the Yerrida Basin - **J. Giraud**¹*, M. Lindsay¹, O. Vitaly¹, R. Martin2, E. Pakyuz-Charrier¹, M. Jessell¹
¹University Of Western Australia, ²Observatoire Midi-Pyrénéennes, Géosciences Environnement Toulouse

Risto Siliqi - *Land Seismic Acquisition* session — Th 14 June 10:30-12:10
Convenors: R. Siliqi; K. Al-Yahya

Alexandre Stopin - *Seismic Imaging - Case Histories B* poster session — Th 14 June 10:30-12:10
Convenors: **Alexandre Stopin**
Thomas Rebert, Guillaume Gigou, Lilas Vivin - **Land Seismic Noise Attenuation** session — Th 14 June
10:55 Th C 06 - De-noising Strategy on Single-source Single-sensor Data: a Case Study from North Kuwait -
1CGG, 2KOC

Bruno Pagliccia - **Land Seismic Acquisition** session — Th 14 June
1Total, 2Geokinetics, 3Wireless Seismic Incorporated, 4RPS, 5SeismicMechatronics

Gregor Duval - **Passive Margins - Tectonics and Sedimentation** session — Th 14 June
11:20 Th D 07 - Evidence for a More Complex Crustal Setting Offshore Gabon: Support from a High-Resolution Regional Seismic Dataset Int - P. Martinez Duran*, M. Pearsons, W. Soyer, **G. Duval**
1CGG, Geoconsulting, 2CGG, Multi-Physics Imaging, 3CGG, Multi-Client and New Ventures

Lucas Szafran, Anne-Sophie Barnola - **Integration A** poster session — Th 14 June
11:20 Th P 07 - Geological Modelling for Seismic Modelling - C. Ronot*, **L. Szafran**, R. Lencrerot
1Total

Patrick Baud, Fabrice Surma, Perrine Schloegel - **Carbonate Reservoirs A** poster session — Th 14 June
11:45 Th P 08 - Study of Stylolites Using Laser Induced Breakdown Spectroscopy - **P. Baud***, **F. Surma**, **P. Schloegel**
1University of Strasbourg, 2Epitopos

Cédric Fayemendy - **Permanent Reservoir Monitoring** session — Th 14 June
13:30 Th F 09 - Johan Sverdrup Permanent Reservoir Monitoring. Layout Planning of the Seismic Cables - **C. Fayemendy***, M.G. Schubert, O. Lyse, S. Winterstø
1Statoil ASA

Damian Kula, Maximilien Lehujeur, Jérôme Vergne, Jean Schmittbuhl, Dimitri Zigone - **Interferometry - Marchenko Methods** poster session — Th 14 June
13:30 Th P 09 - Steps toward Monitoring a Deep Geothermal Reservoir in Northern Alsace with Ambient Seismic Noise Interferometry - **D. Kula***, **M. Lehujeur**, J. **Vergne***, J. **Schmittbuhl***, D. **Zigone**
1Institut de Physique du Globe de Strasbourg, Université de Strasbourg EOST/CNRS

Mathieu Reinier - **Velocity Model Building - Tomography** session — Th 14 June
13:30 Th A 12 - Migration Confidence Analysis: Resolved Space Uncertainties - J. Messud*, P. Guillaume, **M. Reinier**, C. Hidalgo
1CGG, 2INEOS

Noémie Pernin - **Carbonate Reservoirs II** session — Th 14 June
1PGS

Elsa Cecconello - **Seismic Modelling III** session — Th 14 June
14:20 Th E 11 - Removal of Time-varying Sea Surface Effects from Seismic Data - **E. Cecconello***, E.G. Asgedom, W. Söllner
1PGS/UiO, 2PGS

MS, 2018-06-07