Participation of EOST staff and alumni
at SEG Anaheim 2018

Maud CAVALCA — *SPMNR 1 – Multiples* session - Mon 15 Oct, 3:05 PM
Using model of attenuation in the prediction of internal multiples: Data-driven workflow and field data example
Frederico Xavier de Melo, Jing Wu, Zhiming James Wu, Clément Kostov, and **Maud Cavalca**, WesternGeco
SEG Technical Program Expanded Abstracts 2018. August 2018, 4528-4532

Pierre-Yves RAYA — *AVOSI 1 – Case Studies and Workflows* session - Mon 15 Oct, 3:05 PM
Risk reduction and accelerating drill or drop decisions using DHI and AVO anomalies: A case study from the Nyk High, NCS
Pierre-Yves Raya, Wintershall Norge; Peter Brown, Jeet Singh, Stuart Greenwood, James Raffle, and Ross O'Driscoll, ION
SEG Technical Program Expanded Abstracts 2018. August 2018, 351-355

Jeannot TRAMPERT — *SM P1 – Methods 1* poster session - Mon, 15 Oct, 3:30 PM
A comparison of reflection coefficients in porous media from 2D plane-wave analysis and spectral-element forward modeling
Haorui Peng, Yanadet Sripanich, Ivan Vasconcelos, and **Jeannot Trampert**, Utrecht U
SEG Technical Program Expanded Abstracts 2018. August 2018, 3974-3978

Nadège LANGET — *PS 1 – Detection, Location, and Characterization* session - Mon 15 Oct, 3:55 PM
Determination of source mechanisms from the Grane field ocean-bottom geophone cables offshore Norway
Nadège Langet*, Andreas Wüstefeld, and Volker Oye, NORSAR
SEG Technical Program Expanded Abstracts 2018. August 2018, 2892-2896

Amine OURABAH — *ACQ 1 – Land Seismic Acquisition* session - Mon 15 Oct, 3:55 PM
The case for a nimble node, towards a new land seismic receiver system with unlimited channels
Ted Manning, Chris Brooks, **Amine Ourabah**, Alistair Crosby, and Mike Popham, BP; Dinara Ablyazina and Victor Zhuzhel, Rosneft; Einar Holst and Nicolas Goujon, WesternGeco
SEG Technical Program Expanded Abstracts 2018. August 2018, 21-25

Amine OURABAH — *ACQ 1 – Land Seismic Acquisition* session - Mon 15 Oct, 4:20 PM
3D field trial using a new nimble node: West Siberia Russia
Chris Brooks, **Amine Ourabah**, Alistair Crosby, Ted Manning, and John Naranjo, BP; Dinara Ablyazina and Victor Zhuzhel, Rosneft; Einar Holst and Vidar Husom, WesternGeco
SEG Technical Program Expanded Abstracts 2018. August 2018, 6-10

Didier LECERF — *TL 1 – Acquisition and Case Histories* session - Mon, 15 Oct, 4:45 PM
4D analysis, combining shallow hydrophone and multicomponent streamer: The Cinguvu Field Offshore Angola example
Cyrille Reiser, PGS; Bruce Webb and Massimiliano Bertarini, Eni; **Didier Lecerf**, PGS; Vincenzo Milluzzo, Eni Angola; Catia Rizzetto, Eni
SEG Technical Program Expanded Abstracts 2018. August 2018, 5278-5282

Risto SILIQI — *ACQ 2 – Marine Seismic Acquisition* session - Tue, 16 Oct, 8:30 AM
Improving seismic imaging in the Barents Sea by source-over-cable acquisition
Per Eivind Dhelie, Vidar Danielsen, Jan Erik Lie, and Andreas Kjelsrud Evensen, Lundin Norway; Andrew Wright, Nicolas Salaun, Jean-Louis Rivault, **Risto Siliqi**, Claire Grubb, Vetle Vinje, and Anne Camerer, CGG
SEG Technical Program Expanded Abstracts 2018. August 2018, 71-75

Isabelle LECOMTE — *SM 2 – Studies* session - Tue, 16 Oct, 9:20AM
Analyzing PSDM images in complex geology via ray-based PSF-convolution modeling
Kristian Jensen and **Isabelle Lecomte**, U of Bergen; Tina Kaschwich, NORSAR
SEG Technical Program Expanded Abstracts 2018. August 2018, 3843-3847

Joffrey BRUNELLIERE — *FWI 2 - Case Studies* session - Tue, 16 Oct, 10:35 AM
FWI on land seismic datasets with topography variations: Do we still need to pick first arrivals?
Laurent Lemaistre, **Joffrey Brunellière**, Florian Studer, and Christian Rivera, Total S.A.
SEG Technical Program Expanded Abstracts 2018. August 2018, 1078-1082

Simon WOLFARTH — *SPMNR 2 – Noise Attenuation and Regularization* session - Tue, 16 Oct, 4:20 PM
Deblending of high-density OBN simultaneous source acquisition offshore Indonesia
Robert To, Jain Cai, Fong Cheen Loh, and Barry Hung, CGG; **Simon Wolfarth**, BP
SEG Technical Program Expanded Abstracts 2018. August 2018, 4578-4582

Juan PI ALPERIN — *SVE 1 – Case Studies and Practical Approaches* session - Wed, 17 Oct, 10:35 AM
Nonlinear scanning tomography for velocity model building in seismic-obscured areas
Zongying Gong, Xiaodong Wu, and Yunung Nina Lin, CGG; Nick Benfield and **Juan Pi Alperin**, Shell
SEG Technical Program Expanded Abstracts 2018. August 2018, 5128-5132

Florent BRENGUIER — *MG P1 – Case Histories and New Methods* poster session - Wed, 17 Oct, 11:25 AM
Use of ambient-noise surface-wave tomography in mineral resource exploration and evaluation
Dan Hollis, Sisprobe; John McBride, Stillwater Canada Inc.; David Good, U of Western Ontario; Nicholas Arndt
and **Florent Brenguier**, Sisprobe; Gerrit Olivier, Institute of Mine Seismology
SEG Technical Program Expanded Abstracts 2018. August 2018, 1937-1940

Aurélien MORDRET — *PS P2 – Interferometry and Ambient Noise* poster session - Wed, 17 Oct, 1:50 PM - 4:20 PM
Session Chairs: **Aurelien Mordret** and Zhengwei Xu

Guy MARQUIS — *PS P2 – Interferometry and Ambient Noise* poser session - Wed, 17 Oct, 2:40 PM
Use of passive-source seismic and magnetotellurics data in exploration of a fold-thrust belt
David Kirschner, Shell International Exploration and Production; Eddie McAllister and Christine Davies, Shell
Upstream Albania; Xander Campman and Bart Duijndam, Shell Global Solutions International; Junlun Li and
Guy Marquis, formerly with Shell International Exploration and Production
SEG Technical Program Expanded Abstracts 2018. August 2018, 3087-3089

Jeannot TRAMPERT — *ST 1 – Wave Field Modeling, Analysis and Marchenko Imaging Methods* session - Wed, 17
Oct, 2:40 PM
Velocity-independent Marchenko method in time- and depth-imaging domains
Yanadet Sripanich and Ivan Vasconcelos, Utrecht U; Kees Wapenaar, Delft U of Technology; **Jeannot
Trampert**, Utrecht U
SEG Technical Program Expanded Abstracts 2018. August 2018, 5012-5016

Florent BRENGUIER, Aurélien MORDRET — *PS 4 – Microseismic Case Studies 2* session - Wed, 17 Oct, 4:20 PM
Processing passive seismic data recorded on a dense array for CCS site characterization
Gerrit Olivier, Institute of Mine Seismology; Malgorzata Chmiel, **Florent Brenguier**, Philippe Roux, and
Aurélien Mordret, Sisprobe; Philippe Dales, U of Ottawa; Thomas Lecocq, Royal Observatory of Belgium;
Irwan Djamaludin, CTSCo; Kevin Dodds, ANLEC
SEG Technical Program Expanded Abstracts 2018. August 2018, 3002-3006

Simon WOLFARTH — *ACQ 4 – Blended Seismic* session - Wed, 17 Oct, 4:45 PM
Tangguh ISS® ocean-bottom node program: A step change in data density, cost efficiency, and image quality
Johnathan Stone, **Simon Wolfarth**, Hery Prastowo, Danang Priyambodo, Ted Manning, and John Etgen, BP
SEG Technical Program Expanded Abstracts 2018. August 2018, 146-150

Fabien GILBERT — *EM 3 - Applications* session - Thu, 18 Oct, 8:30 AM
MT modeling and inversions for the Bolivian foothill exploration, from unconstrained to constrained, from 2D
to 3D
Fabien Gilbert*, Total; Samuele Ratti, Schlumberger; Andrea López-Vega, TEPBO
SEG Technical Program Expanded Abstracts 2018. August 2018, 954-958

Antoine GUITTON — *SVE 2 – Theory: Wave-and Ray-based Methods* session - Thu, 18 Oct, 9:45 AM
Image-guided wavefield tomography for VTI media
Vladimir Li, Center for Wave Phenomena, Colorado School of Mines; **Antoine Guitton**, Center for Wave Phenomena, Colorado School of Mines and DownUnder GeoSolutions; Ilya Tsvankin, Center for Wave Phenomena, Colorado School of Mines; Tariq Alkhalifah, Center for Wave Phenomena, Colorado School of Mines and King Abdullah U of Science and Technology (KAUST)
SEG Technical Program Expanded Abstracts 2018. August 2018, 5183-5187

Jean-Marc MIEHE — *MG 2 – New Methods and Developments* session - Thu, 18 Oct, 9:45 AM
3D finite-volume time-domain electromagnetic modeling of graphitic faults using unstructured grids
Xushan Lu and Colin G. Farquharson, Memorial U of Newfoundland; **Jean-Marc Miehé** and Grant Harrison, Orano Canada Inc.
SEG Technical Program Expanded Abstracts 2018. August 2018, 1908-1912

Antoine GUITTON — *SS 10 – Novel DAS Sensing Strategies and Machine Learning* session - Thu, 18 Oct, 10:10 AM
Fault classification from 3D imaging of vertical DAS profile
Whitney Trainor-Guitton and Samir Jreij, Colorado School of Mines; **Antoine Guitton**, DownUnder GeoSolutions; James Simmons, Colorado School of Mines
SEG Technical Program Expanded Abstracts 2018. August 2018, 4664-4668

Michel VERLIAC — *W-6: Fit for Purpose Practical Monitoring of Producing Reservoirs and CO2 Sequestration* workshop - Thu, 18 Oct, 1:30 PM - 5:00 PM
Organizers: Hesham Ebaid, Mariana Gherasim, Colin MacBeth, **Michel Verliac**

Michel VERLIAC — *W-14: Recent Advances in Remote Sensing Technologies for Hydrocarbon Exploration and Environmental Evaluation* workshop - Fri, 19 Oct, 8:30 AM - 12:00 AM
Organizers: Yongyi Li, Roice Nelson, **Michael Verliac**, William Jeffery, Doug Foster, Dominique Dubucq

Michel VERLIAC — *W-20: DAS: Validating Measurements, Developing Processing Methods, and Integrating to Optimize Velocity Models for Improving Subsurface Imaging* workshop - Fri, 19 Oct, 8:30 AM - 5:00 PM
Organizers: Yingping Li, Martin Karrenbach, Ge Zhan, Juan Wang, **Michel Verliac,** Yongyi Li, Mark Willis, Vanessa Brown

MS, 2018-10-04