

# Présentations d'alumni à EAGE Aberdeen 2026

Olivia Collet (Curtin University)

Comparing 4D Seismic Inversion Workflows for CO2 Storage Monitoring at the Otway Project

A. Al-Dawood, B. Gurevich, **O. Collet** and R. Pevzner

<https://doi.org/10.3997/2214-4609.202610025>

Olivia Collet (Curtin University)

Rare Microseismic Event Prioritisation in Ocean-Bottom DAS Using Geometry Regularisation and Distance-Based Ranking

I. Almukhametov, **O. Collet**, E. Sidenko, R. Isaenkov, P. Shashkin, H.A. Debens, J. Deeks and R. Pevzner

<https://doi.org/10.3997/2214-4609.2026101009>

Olivia Collet (Curtin University)

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A. Al-Dawood, B. Gurevich, **O. Collet** and R. Pevzner

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Alexandre Bertrand (Vår Energi)

Time-Lapse Full-Waveform Inversion on Short-Offset Towed-Streamer Data in the Barents Sea

H. Zheng, H. Kerrison, E. Hicks, T. Latter, F. Jouno, S. David, S. Høgden and **A. Bertrand**

<https://doi.org/10.3997/2214-4609.2026101047>

Olivia Collet (Curtin University)

Detecting and Distinguishing Acoustic Signals in Offshore Distributed Acoustic Sensing Data

N. Boitz, W. Tegtow, S.A. Shapiro, H.A. Debens, J. Deeks, **O. Collet**, I. Almukhametov, P. Shashkin, K. Tertyshnikov, R. Pevzner and B. Gurevich

<https://doi.org/10.3997/2214-4609.2026101087>

Isabelle Lecomte (University of Bergen)

Dynamic Simulation and Seismic Modelling of Sand Injectite Reservoirs Based on Outcrop Derived Fine Scale Models

R. Waltham, M. Brettle, S. Kelly, Z. Crawford, D. Holden and **I. Lecomte**

<https://doi.org/10.3997/2214-4609.2026101159>

Romain Baillet (Beicip-Franlab), Thomas Piolle (Beicip-Franlab)

Fault Sealing Analysis Integrating Shale Gouge Ratio Methods with Seismic Inversion Results

L. Micarelli, **R. Baillet**, **T. Piolle** and D. Savva

<https://doi.org/10.3997/2214-4609.2026101196>

Serge Sambolian (Université de Strasbourg)

3D Near-Surface Model Building Using Scholte Waves from North Sea Field Data

K. Xiong, R. Brossier, L. Metivier and **S. Sambolian**

<https://doi.org/10.3997/2214-4609.2026101285>

Isabelle Lecomte (University of Bergen)

Seismic Diffraction Modelling of Sandstone Intrusions to Assist Seismic Interpretation

D. Holden, A. Hurst and **I. Lecomte**

<https://doi.org/10.3997/2214-4609.2026101290>

Olivia Collet (Curtin University)

Cross-Interrogator 4D DAS-VSP Monitoring at the CO2CRC Otway Stage-4 Site

M. Al Marzooq, A. Almukhametova, K. Tertyshnikov, P. Shashkin, B. Gurevich, **O. Collet** and R. Pevzner

<https://doi.org/10.3997/2214-4609.2026101301>

Darney Destin Nziengui Bâ (Febus Optics)

Passive Downhole DAS Monitoring of CO2 Injection at Svelvik Field Lab: Insights from Ambient Noise Analysis

**D. Nziengui Bâ**, R. Chauvet, F. Duret, N. Barbosa, B. Dupuy, M. Duda and D. Urozayev  
<https://doi.org/10.3997/2214-4609.2026101317>

Philippe Berthet (TotalEnergies)

Modelling the 3D Architecture of a West-African Turbiditic Reservoir Using FLUMY, a Conditioned Process-Based Tool

A. Leduc, F. Raïsson, **P. Berthet**, J. Grimaud and F. Ors  
<https://doi.org/10.3997/2214-4609.2026101318>

Jean Luc Mari (Spotlight)

Focused Seismic Enabling Pressure Front Monitoring in CO2 Storage within a Depleted Gas Reservoir

N. Mikhael, H. Morris, E. Morgan and **J.L. Mari**  
<https://doi.org/10.3997/2214-4609.2026101332>

Nawal De Freslon (Beicip-Franlab)

Seismic Attribute for Velocity Model Enhancement and Uncertainty Analysis: Application for the Evaporites, Santos Basin, Brazil

**N. De Freslon** and L. Souza  
<https://doi.org/10.3997/2214-4609.2026101426>

Nawal De Freslon (Beicip-Franlab)

Modeling Critical Material Bottleneck in Hydrogen Infrastructure for Heavy-Duty Vehicles in France: Focus on Iridium

**N. De Freslon**

Julien Razza (Eliis)

Probabilistic Mapping of Sand Injectite Complexes Using Vision Foundation Model Segmentation

A. Clarke, **J. Razza** and M. Etchebes  
<https://doi.org/10.3997/2214-4609.2026101436>

Darney Destin Nziengui Bâ (Febus Optics)

Comparison of Fiber-Optic Cable Deployment Strategies inside Geothermal Borehole using Active DAS VSP

R. Chauvet, **D. Nziengui Bâ**, F. Duret, F. Bayoua, A. Osdoit and O. Boudes  
<https://doi.org/10.3997/2214-4609.2026101439>

Hervé Prigent (Viridien)

Unlocking Algeria's Subsurface via Advanced Imaging Techniques

**H. Prigent**, V. Prieux, P. Supriandini, M. Peiro, E. Novikov, C. Bossy, P. Gourmel and G. Pignot  
<https://doi.org/10.3997/2214-4609.2026101469>

Mikaël Garden (OMV)

Benefits of Long Offsets in a FWI Workflow Balanced by Seismic Acquisition Cost

**M. Garden** and Y. Le Men  
<https://doi.org/10.3997/2214-4609.2026101478>

Philippe Caprioli (SLB)

Vertical Geophone Shear Noise Removal in Shallow Water OBS Utilising the Receiver Ghost Model

M. Elattar and **P. Caprioli**  
<https://doi.org/10.3997/2214-4609.2026101511>

Philippe Caprioli (Westerngeco)

Stable up-down Deconvolution System in Shallow Water OBS Data via Proper Handling of the Direct Arrival

M. Elattar, **P. Caprioli**, K. Ozdemir and A. Ashby  
<https://doi.org/10.3997/2214-4609.2026101513>

Isabelle Lecomte (University of Bergen)

From Virtual Outcrops to Synthetic Seismic Models: An End-to-End Workflow Bridging Disciplines

S. Buckley, **I. Lecomte**, G. Bello, N. Naumann and J. Howell  
<https://doi.org/10.3997/2214-4609.2026101537>

Noémie Pernin (Tgs)

Multi-Parameter FWI for Velocity, Attenuation and Angular Impedance: A Case Study from the Outer Vøring Basin

S. Naumann, J. Oukili, A. Pankov, **N. Pernin**, J. Herredsvela, R. Kluge and A. Sakharov  
<https://doi.org/10.3997/2214-4609.2026101545>

Didier Rappin ( TotalEnergies), Arthur Senechal (Eost)

Addressing the Physical Effects for CO2 Storage Geophysical Monitoring

**D. Rappin**, A. Price, A. Senechal, L. Avaullee, H. Le and T. Nieddu  
<https://doi.org/10.3997/2214-4609.2026101551>

Zoé Renat (TotalEnergies)

Transitional OBN/WATS 4D in a Subsalt Deep Offshore Environment: Better than Expected Results

A. Lafram, G. Maman-koumba, C. Agut, H. Ben-Hadj-Ali, Y. Arroub, B. Duquet, **Z. Renat**, M. Vallerin, E. Giudice, J. Muhongo, L. Savitskiy, J. Wilson and B. Tavakoli  
<https://doi.org/10.3997/2214-4609.2026101553>

Didier Rappin (TotalEnergies)

Reservoir Thermodynamic and Geometry Impacts on CO2 Storage History Matching

**D. Rappin**, J. De la Torre Guzman, F. Commegrain, O. Dufour, L. Bovet and L. Avaullee  
<https://doi.org/10.3997/2214-4609.2026101557>

Romain Baillet (Beicip-Franlab)

Joint AVA-AVAZ Analysis to Characterize the Cretaceous-Jurassic Karst System Beneath Geneva for Geothermal Prospectivity

**R. Baillet**, S. Chavarro, A. Fournillon and J. Caudroit  
<https://doi.org/10.3997/2214-4609.2026101571>

Carine Roalkvam (Tgs)

Unlocking Value Through Technology & Partnerships: A Benchmark OBN Campaign at Utsira North (2025)

**C. Roalkvam**, P.E. Dhelie, V. Danielsen, R. Haacke and J. Ansell  
<https://doi.org/10.3997/2214-4609.202610187>

Hugues Baudon (TotalEnergies), Bruno Pagliccia (TotalEnergies)

OBN Decimation Design to Reduce Costs in an Exploration Context - Real Case Offshore Angola

L. Perino, S. Whitehead, **H. Baudon**, B. Duquet, M. Appe, **B. Pagliccia** and M. Vallerin  
<https://doi.org/10.3997/2214-4609.202610273>

Aline Robin (TotalEnergies)

Exploring the Seabed DAS Seismic Butterfly Effect: Insights and Implications

A. Calvert, H. Moore, **A. Robin** and K. Adamczak  
<https://doi.org/10.3997/2214-4609.202610278>

Aline Robin (TotalEnergies), Estelle Schissele-Rebel (TotalEnergies)

Seabed-Deployed Distributed Acoustic Sensing: 2.5D PP Migration and P Diving-Wave Full Waveform Inversion at Shallow-Water Ekofisk

**A. Robin**, A.S. Calvert, **E. Schissele-Rebel**, S. Shaw, J. Richards, J. Johal, K. Liao and N. Kamath  
<https://doi.org/10.3997/2214-4609.202610406>

Amine Ourabah (Stryde)

Low Frequency Performance of Piezoelectric Accelerometer Nodes versus Geophone Arrays

P. Golikov, G. Barnes, E. Murray, **A. Ourabah** and V. Do  
<https://doi.org/10.3997/2214-4609.202610407>

Amine Ourabah (Stryde)

Digital Arrays Optimization for Efficient Land Seismic Exploration

P. Golikov, V. Do, G. Barnes, E. Murray and **A. Ourabah**  
<https://doi.org/10.3997/2214-4609.202610408>

Guillaume Sauvin (Equinor), Aurélien Mordret (Geus)

Testing Surface Distributed Acoustic Sensing in Denmark: Experimental Overview and Initial Results

S. Torset, **G. Sauvin**, **A. Mordret**, M. Keiding, P. Voss, E. Jensen, L. Sólheim, H. Granat and E. Nørmark  
<https://doi.org/10.3997/2214-4609.202610465>

Philippe Caprioli (SLB)

Optimal Designature and Stable Combination of Multi-Source Data

A. Kanrar, **P. Caprioli**, A. Ashby, F. Le Diagon, M. Vassallo, A. Zarkhidze, M. Ortin and D. Scapin  
<https://doi.org/10.3997/2214-4609.202610566>

Stephen Beller (Geoazur)

Multiparameter Multicomponent Elastic FWI: Which Workflow?

**S. Beller**, R. Caiza Grijalva, L. Combe and S. Operto  
<https://doi.org/10.3997/2214-4609.202610690>

Zoé Renat (TotalEnergies), Hugues Baudon (TotalEnergies)

From Raw OBN to Reliable Velocity Model: Fast-Track FWI Workflow in Deep Offshore Angola

**Z. Renat**, B. Duquet, A. Riou, M. Appe, **H. Baudon**, V. Duprat, A. Lafram, J. Muhongo and S. Whitehead  
<https://doi.org/10.3997/2214-4609.202610692>

Thomas Piolle (Beicip-Franlab)

Effects of Scale and Statistics on Fracture Modelling Reliability Using a Fractured Reservoir Outcrop Analogue

L. Micarelli, O. Gast and **T. Piolle**  
<https://doi.org/10.3997/2214-4609.202610763>

Fanny Marcy (Aker BP)

Integrating Regional Modelling and 4D Seismic for Predicting Pre-Production Fluid Contact Variation in Mature Basins

S. Adamson, A.M. Baird and **F. Marcy**  
<https://doi.org/10.3997/2214-4609.202610771>

Aline Robin (TotalEnergies)

Elastic Full-Waveform Inversion of Distributed Acoustic Sensing Data

N. Kamath, A. Ratcliffe, J. Cooper, J. Johal, A. Calvert, **A. Robin** and S. Shaw  
<https://doi.org/10.3997/2214-4609.202610783>

Andoni Dominguez (Ad Terra)

Cost-Efficient Time-Lapse (4D) Seismic Pilot in an Onshore Carbonate Field

Q. Hirsch, M. Van Der Molen, M. Baykulov and **A. Dominguez**

<https://doi.org/10.3997/2214-4609.202610788>

Chloe Lazizi (Tgs), Didier Lecerf (Tgs)

Validating Opportunistic 4D as a Proof of Concept for Seismic Monitoring

**C. Lazizi**, S. Marinets, A. Hovden, S. De Pierrepont, **D. Lecerf**, C. Hidalgo, K. Eik Haavik and R. Milne

<https://doi.org/10.3997/2214-4609.202610795>

Patrick Baud (Ites)

Permeability Heterogeneity and Compaction Localization in Porous Sandstone

**P. Baud** and N. Brantut

<https://doi.org/10.3997/2214-4609.202610918>

Eric Frugier (Tgs)

Imaging Complex Geology Offshore Angola through Integration of One-Sided WAZ, Low Frequency Sources and Elastic DMFWI

**E. Frugier**, J. Brittan, K. Abdelaziz, G. Yu, M. Plummer, J. Tilton, M. Pila, T. Tang and S. Baldock

<https://doi.org/10.3997/2214-4609.202610929>

Philippe Caprioli (SLB)

Joint Interpolation of OBN Surveys with Multiple Source Types

Z. Yan, M. Vassallo, D. Boiero, A. Kanrar and **P. Caprioli**

<https://doi.org/10.3997/2214-4609.202610947>

Simon WOLFARTH (BGP Inc., CNPC)

Workshop 1 Leveraging Multicomponent OBN Acquisitions for Improved PP-PS Imaging and Inversion

Convenors: Fatiha GAMAR-SADAT (Viridien), Adel ELEMAM (KOC – Kuwait Oil Company), Olivier KIRSTETTER (ADNOC – Abu Dhabi National Oil Company), Philip TILLOTSON (BP Exploration Operating Company Ltd), **Simon WOLFARTH** (BGP Inc., CNPC)

Lilas Vivin (Sercel), Suzon Jammes (Mantle8), Benoit Tauzin (Mantle8), Emmanuel Masini (Mantle8)

3C Multi-Wave Ambient Noise Tomography for Natural Hydrogen Exploration

Hugo Gomez Ochoa, Thomas Bardainne, **Lilas Vivin**, Hélène Toubiana Lille, Renaud Tarnus, **Suzon Jammes**, **Benoit Tauzin**, **Emmanuel Masini**

Workshop 1

Amine OURABAH (Stryde)

Workshop 5 Sampling at the philosophical crossroads: acquisition density, sparsity, and wavefield reconstruction

Convenors: Breno Bahia (bp), John Northall (bp), Ali Alfaraj (Aramco), Guillaume Cambois (ADNOC), Phil Bilsby (SLB), **Amine Ourabah (STRYDE)**, Mauricio Sacchi (University of Alberta)

Julien Moreau (The NW-Edge)

in Workshop 7 Open for Energy: Open Source, Open Data, Open Models Sunday, June 7th

Aurélien Mordret (Geus)

Workshop 9 Passive Seismic Interferometry, A Key Geophysical Method for Geological Resources Exploration and Management Monday, June 8th

Convenors: Thomas Kremer (Geolinks), Alexandre Kazantsev (Storengy), **Aurélien Mordret (GEUS)**

Darney Destin Nziengui Bâ (Febus Optics)  
CCS passive monitoring with downhole DAS data  
**Destin Nziengui** (Febus Optics)

Didier Lecerf (TGS)

Workshop 12 Geophysical Reservoir Monitoring: Managing the 4th Dimension in a Challenging Business Environment.

Convenors: **Didier Lecerf (TGS)**, Abderrahim Lafram (TotalEnergies), Mark Thompson (Equinor), Jan Stammeijer – EPTS Training Services, Wendel Moreira – Petrobras

Didier Lecerf (TGS)

4D Imaging myths and realities

**Didier Lecerf**, TGS.

Didier Rappin (TotalEnergies)

Workshop 16 CCS Monitoring Strategies: Technologies, Challenges, and Field Insights

Convenors: Elodie Morgan (Spotlight), **Didier Rappin (TotalEnergies)**, Anne-Kari Furre (Equinor), Sara Minisini (Shell Global Solutions International B.V.), Bruce Webb (ENI), Gianluca dell'Elce (ENI), Bastien Dupuy (SINTEF), Antony Price (TotalEnergies)

Matthieu Vinchon (Northernlights J.V.)

Geophysical Monitoring Foundations of EL001 CO2 First Injection

**Matthieu Vinchon** (Northernlights J.V.)

Olivia Collet (Curtin University)

Tracking Reservoir Temperature and Pressure Changes During CO2 Injection Using Distributed Fibre-Optic Sensing: Otway Stage 4 Learnings

**Olivia Collet** (Curtin University)

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