

# 17th October - Oral Sessions

Hora	Sala	Tema	Título	Speaker
08:30	Leblon	Marine Acquisition	An overview of Marine Vibrator data processing and the value of sweep estimation	Arash Jafargandomi, Robert Telling, Robert Laws, Sergio Grion, Aparajita Nath, Tiexing Wang,
08:30	Ipanema	Noise in seismic data	Blind denoising of pre-stack seismic data using Deep Learning	Pablo Machado Barros, Roosevelt de Lima Sardinha, Celio Roni Schechter, Albino Aveleda, Renato Santos Aranha, André Bulcão, Alexandre Gonçalves Evsukoff
08:30	São Conrado	Turbidite Reservoirs	Assessing Hydrocarbon Potential in the Mundaú Sub-Basin: Cretaceous Turbidites in Deepwater Settings	Victor Virgilio Piccoli Miranda de Freitas, Eduardo dos Reis Leaubon, Wesley Pereira da Silva, Elaine Maria Lopes Loureiro, Rodrigo Morelatto, Ronan Magalhaes Avila
08:30	Barra	Fracture Property Estimation	Laboratory Measurements of the Biot Coefficient of a Pre-salt Oil Field, Santos Basin	Marcio Morschbacher, Guilherme Vasquez, Julio Justen, Marcos Figueiredo, Flavia Falcão, Ana Lucia Maria
08:30	Recreio	Model Building and Imaging with Viscosity	A comprehensive study of Q-factor using synthetic trace modeling and real data analysis from Búzios oil field	Gustavo Souza, Leonardo Miquelutti, Paulo Bastos, Henrique B Santos, Marco Cetale
08:30	Urca	Case Study: Igneous Intrusion	Mapping sills and dikes integrating magnetometric and seismic data on the Amazonas Basin	Henrique Araujo Lopes, Romário Mota, Eduardo De Mio,
08:55	Leblon	Marine Acquisition	Developing a Novel Marine Vibrator System	Thomas Elboth
08:55	Ipanema	Noise in seismic data	Carving out seismic data from noise	Julián L. Gómez, Danilo R. Velis
08:55	São Conrado	Turbidite Reservoirs	Geological understanding of mature fields through geophysics in the post-salt portion of Campos Basin: A case study in the Albacora Leste Field	Pedro Henrique Guará Rocha Coelho, Rodrigo Ferro, Felipe Dib, Marina Martins, Thais Santos, Karla Gomes, Kleber Padua, Luis Longhi, Igor Neves
08:55	Barra	Fracture Property Estimation	Lithological controls on fracture formation in the Pre-salt: a case study based on borehole image logs in the Outer Campos Basin, offshore Brazil	André Brandão, Ole Petter Wennberg, Leonardo Borghi, João Paulo Oliveira, Vinicius Carneiro, Renata Ribas Zanella
08:55	Recreio	Model Building and Imaging with	An Adaptive Implicit-Explicit Time-Marching Technique for Wave Propagation Analysis	Isabelle de Souza Sales, Lucas Ruffo Pinto, Delfim Soares Jr., Webe João Mansur, Otto Correa Rotunno Filho

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		<b>Viscosity</b>		
08:55	Urca	<b>Case Study: Igneous Intrusion</b>	<b>Post-salt Magmatism in northern Santos Basin and the Cabo Frio High (S.E. Brazil): implications for economic exploration</b>	Amanda Farias Garcia, Natasha Stanton
09:20	Leblon	<b>Marine Acquisition</b>	<b>The acoustic wavefield generated by a vessel</b>	Stian Hegna
09:20	Ipanema	<b>Noise in seismic data</b>	<b>Denoising 3C microseismic data using a simple thresholdless polarization filter</b>	Danilo R. Velis, Julián L. Gómez
09:20	São Conrado	<b>Turbidite Reservoirs</b>	<b>Integrated analysis of seismic data, well log, drill stem test and outcrop description to build a calibrate earth-model for a channelized turbidite reservoir in the Calumbi Formation, Sergipe Sub-basin, Brazilian offshore.</b>	Leonardo B. Oliveira, Wagner Souza-Lima, Paulo L. B. Paraizo, Adler C. Nascimento, Otavio L. Chaves, Leonardo K. Kubota, Alexandre Maul
09:20	Barra	<b>Fracture Property Estimation</b>	<b>Multi-wavelets P-Impedance for the Brazilian Pre-Salt Reservoirs Characterization: An Example in the Santos Basin</b>	Talles Barsanti Meneguim, Yves dos Reis Assis, Ariely Luparelli Rigueti, Renata Giacomet, Alexandre Maul, Filipe Borges
09:20	Recreio	<b>Model Building and Imaging with Viscosity</b>	<b>Multi-parameter least-squares reverse time migration using the viscoacoustic-wave equation</b>	Peterson Nogueira, Milton Porsani
09:20	Urca	<b>Case Study: Igneous Intrusion</b>	<b>Quantitative Seismic Interpretation for Identification and Characterization of Diabase Intrusions in Gaviões Cluster Area, Parnaíba Basin</b>	Eduardo dos Reis Leaubon, Bruna Maia Imbuzeiro, Filipe Vidal Cunha Santa Rosa Soares de Oliveira, Julio Cesar dos Santos Vital, Wagner Moreira Lupinacci, Cleverson Guizan Silva, Antonio Fernando Menezes Freire
10:00	Leblon	<b>Marine Acquisition</b>	<b>Manta FreeDive; A novel node for sparse receiver surveys</b>	Timothy Bunting, Jason Jurok
10:00	Ipanema	<b>Noise in seismic data</b>	<b>Effects of Seismic Noise on Imaging and FWI</b>	Pablo Machado Barros, André Bulcão, Angelo Correa Almeida, Bruno Pereira Dias, Cristhian Alberto Celestino Cortez, Djalma Manoel Soares Filho, Gustavo Catão Alves, Tiago Illipronti Girardi
10:00	São Conrado	<b>Turbidite Reservoirs</b>	<b>Microporosity and Cementation Coefficient (<math>m</math>) Analysis of Coquinas in the Morro do Chaves Formation: Implications for Reservoir Quality Assessment</b>	Natan Soares Santarém, Neida Ilana Rios, Marco Ceia, Roseane Marchezi Missagia

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10:00	Barra	Fracture Property Estimation	<b>Rock Physics Modeling Applied to Carbonates of Quissamã Formation in the Campos Basin: A Case Study</b>	Frank Cardoso Pereira, Andrew Snowling, Bruno de Souza Silva, José Luis Drummond Alves
10:00	Recreio	Model Building and Imaging with Viscosity	<b>Visco-acoustic FWI for Q model building</b>	Guanghui Huang, Jaime Ramos-Martinez, Nizar Cheminghui
10:00	Urca	Case Study: Igneous Intrusion	<b>Revealing pre-salt structures underneath volcanics with FWI Imaging</b>	Jair Luiz de Azevedo Filho, Gabriel Viana Pacheco , Karine Ribeiro Pereira, Luis Fernando Cypriano
10:25	Leblon	Marine Acquisition	<b>MantaRay; The next step in ocean bottom node deployment and recovery</b>	Timothy Bunting, Martin Hartland, Nishan Ragoonan
10:25	Ipanema	Noise in seismic data	<b>Seismic data denoising with a subspace pursuit greedy Radon transform</b>	Juan I. Sabbione
10:25	São Conrado	Turbidite Reservoirs	<b>Semi-automatic well-log correlation using the Dynamic Time Warping Algorithm.</b>	Matheus Nilo, Alessandro Guerra Cerqueira, Vinicius Carneiro, Michael Holz
10:25	Barra	Fracture Property Estimation	<b>The influence of fine grains in the Barra Velha Formation of 9-SEP-1-RJS well, Sepia Field, Santos Basin</b>	Guilherme Oliveira Ramos dos Santos, Gabriel Sousa dos Santos Ribeiro, Carlos Augusto Franco Saraiva, Leonardo Ventura de Andrade Souza, Giovanni Chaves Stael
10:25	Recreio	Model Building and Imaging with Viscosity	<b>Viscoelastic Seismic Modeling: Parametric Evaluation Focused on Oil Exploration Scenario</b>	Fernanda Darcle Silva Freitas, Luiz Alberto Santos, Fernanda Darclé Silva Freitas, Marco Antonio Cetale Santos
10:25	Urca	Case Study: Igneous Intrusion	<b>Study of the diabase sills in the Parnaíba basin on the basis of openhole well logs, drilling cuttings, x-ray diffraction and x-ray fluorescence</b>	Bruna Maia Imbuzeiro, Filipe Vidal Cunha Santa Rosa Soares de Oliveira, Carla Semiramis Silveira, Julia da Silva Rego, Bruno de Sá Nobre da Rocha, Luiza Fonseca Ribeiro, Eduardo dos Reis Leaubon, Wagner Moreira Lupinacci, Cleverson Guizan Silva, Antonio Fernando Menezes Freire
10:50	Leblon	Marine Acquisition	<b>On-demand Ocean Bottom Nodes (OD OBN) for low-cost reservoir monitoring</b>	Jorge Luis Lopez, Samantha Grandi, Diego Juliano, Alexandre Augusto da Silva, Reinaldo Carvalho da Silva, Valter Beal, Shaun Dunn, Cristian Nevoso,

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10:50	Ipanema	Noise in seismic data	<b>Solving simultaneously for acquisition perturbations in a deep-water node survey in Santos Basin, Brazil</b>	Marilia Carneiro, Pedro Barros, Marcela Ortin, Claudio Bagaini, Paal Kristiansen, Bernardo Quijano
10:50	São Conrado	Turbidite Reservoirs	<b>Reservoir Geophysics as a Driving Force for R&amp;D of Brazilian Startups</b>	Pedro Henrique Silvany Sales, Alexandre Augusto Cardoso da Silva, Carlos Eduardo Borges de Salles Abreu, Pablo Machado Barros
10:50	Barra	Fracture Property Estimation	<b>Well logs, thin sections, and geochemical data applied to characterization and formation evaluation of pre-salt carbonate reservoirs, Atapu Field, Santos Basin.</b>	Leonardo Ventura, Guilherme Oliveira Ramos Dos Santos, Carlos Augusto Franco Saraiva, Beatriz Lourenço de Oliveira, Giovanni Chaves Stael
14:00	Leblon	Survey Design and Optimization	<b>A very low frequency source operated close to the surface</b>	Rune Tenghamn, Anders Mattsson,
14:00	Ipanema	Ocean Bottom Nodes	<b>A near-lossless alternative for OBN data compression through block-sorting and decimation.</b>	Francisco Carlos Lajús Junior, Stephan Paul
14:00	São Conrado	Reservoir Discontinuities	<b>Advances in Seismic Diffractions Imaging: Preliminary Results of a Systematic Literature Review</b>	Guilherme Zakarewicz, Susanne Maciel, Luciano Cunha
14:00	Barra	Reservoir Property Estimation	<b>Definition of the Representative Elementary Volume (REV) to elastic simulations in carbonate rocks from Morro do Chaves Formation – a Pre-Salt chronocorrelate.</b>	André Martins, Roseane Misságia, Marco Ceia, Herson Rocha, Jéssica Moreira, Lucas Oliveira, Sofia Bueno, Nathan Magalhães
14:00	Recreio	Model Building: Case Studies	<b>Effective acquisition and model building to reveal the deep structures in complex geology</b>	Denes Vigh, Kate Glaccum, Xing Cheng
14:00	Urca	Tectonism and Basin Evolution	<b>Evidence for rift-related dextral oblique-slip in the hyperextended domain, Central-South Campos Basin, SE Brazil</b>	Renata Ribas Zanella, Vinicius Carneiro, Natasha Stanton, Priscilla Alvarez, João Paulo Oliveira, Leonardo Borghi
14:25	Leblon	Survey Design and Optimization	<b>Advanced 3D Seismic Acquisition Solutions for Hydrocarbon Exploration, CCS Development, and Offshore Wind Site Surveys</b>	Martin Widmaier, Carine Roalkvam, Okwudili Orji
14:25	Ipanema	Ocean Bottom Nodes	<b>Deblending of simultaneous source acquisition using Iterative Source Separation with Priors for Deep-water OBN in Santos Basin, offshore Brazil</b>	Mohammad Ghazey, Mahmoud Ahmed, Dmitri Skorinski, Atef Khalifa, Marcela Ortin, Rajiv Kumar, Yousif Kamil

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14:25	São Conrado	Reservoir Discontinuities	<b>Application of the azimuthal inversion in pre-salt reservoirs for fracture characterization.</b>	Uilli Freitas, Laryssa Oliveira, Ekaterina Kneller, Ulisses Correia, Rodrigo Penna, Danielle Marques, Mario Paes, José Nunes
14:25	Barra	Reservoir Property Estimation	<b>Fracability and Permeability Evaluation in Carbonate formations: A case study, offshore Brazil</b>	Jesus P. Salazar, Claudio Rabe
14:25	Recreio	Model Building: Case Studies	<b>Imaging challenges in Foz do Amazonas Basin – a case study</b>	Camila Albuquerque, Adriano Martinez, Flavio Silva, Luis Cypriano
14:25	Urca	Tectonism and Basin Evolution	<b>Tectonostratigraphic evolution of a salt giant during passive margin development: Santos Basin, offshore Brazil</b>	Clara Rodriguez
14:50	Leblon	Survey Design and Optimization	<b>Global acquisition geometry optimization with 5D constraints using spectral gap</b>	Rajiv Kumar, Massimiliano Vassallo, Alexander Zarkhidze, Franck Le Diagon, Gary Poole, Robert Bloor, Luis Arechiga Salinas
14:50	Ipanema	Ocean Bottom Nodes	<b>Multiple attenuation by multi-dimensional deconvolution in sparse ocean-bottom acquisitions</b>	Daniele Boiero, Marcela Ortin, Emmanuel Saragoussi
14:50	São Conrado	Reservoir Discontinuities	<b>Characterization of hydrothermalized zones in Pre-Salt OBN seismic data via Automatic Seismic Interpretation and Deep-learning algorithms</b>	Leonardo Costa de Oliveira, Pedro Henrique Silvany Sales, Marcos de Carvalho Machado, João Adolfo Rosseto
14:50	Barra	Reservoir Property Estimation	<b>Influence of pore geometry on the velocity-porosity analysis in carbonates using effective elastic medium theory: a case of Morro do Chaves Formation</b>	Neida Rios, Natan Santarém, Roseane Missagia, Marco Ceia
14:50	Recreio	Model Building: Case Studies	<b>Improving depth imaging using a novel hybrid FWI approach</b>	Gustavo Catão Alves, André Bulcão, Angelo Correa Almeida, Bruno Pereira Dias, Cristhian Alberto Celestino Cortez, Djalma Manoel Soares Filho, Pablo Machado Barros, Tiago Illipronti Girardi
14:50	Urca	Tectonism and Basin Evolution	<b>Structural modeling based on sequential 3D restoration with special emphasize on petroleum habitat; case study from outboard Campos basin, offshore Brazil</b>	Low Wan Ching, Shahram Sherkati, Zailani A Kadir, Hafizan Wahab, Ali Andrea Hashim, Alexandre Guimaraes, Noor Aznida Razali, Nur Qistina Salim, Mahadir M Nor, Siti Fatimah Jabbar, Haryanty Hashim
15:30	Leblon	Survey Design and Optimization	<b>On the value of direct measurements of the water velocity offshore Brazil</b>	Claudio Bagaini, Pedro Barros, Marilia Carneiro

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15:30	Ipanema	Ocean Bottom Nodes	<b>Time-lapse OBN seismic data regularization using structural shaping model constraint: A modeling study on Brazilian Pre-salt.</b>	Mesay Geletu Gebre, Carlos A. N. da Costa, João M. de Araujo, Edwin F. Duarte, Danyelle da Silva
15:30	São Conrado	Reservoir Discontinuities	<b>Detection of karstified features using volumetric segmentation techniques in a multi-azimuth seismic</b>	Marcio Spinola, Mitchel Xavier, Luiz Eduardo Santos
15:30	Barra	Reservoir Property Estimation	<b>Petrophysical evaluation of arkoses sandstones reservoirs based on well logs and plug samples: a case study from Alagamar Formation, SE portion of Potiguar Basin</b>	Antonio Fernando Menezes Freire, Wagner Moreira Lupinacci, Victor Ferreira
15:30	Recreio	Model Building: Case Studies	<b>Seismic Imaging Enhancement: a case study in Frade field, Campos Basin</b>	Rodrigo Ferro, Bianca Bianchi, Jorge Sizo, Igor Neves, Marcel Torretta, Humberto Bovolenta, Audrey Monlevade, Thais Santos, Marcelo Souza, Luis Longhi
15:30	Urca	Tectonism and Basin Evolution	<b>Tectonic and Stratigraphic Evolution of the Pre-Sal Interval in Campos Basin in the distal central-south area</b>	Vinicio Carneiro, Renata Zanella, João Paulo Oliveira, Michele Iemma, André Brandão, Priscila Alvarez, Natasha Stanton, Leonardo Borghi
15:55	Leblon	Survey Design and Optimization	<b>Temperature Compensated Clock Drift Correction</b>	Timothy Bunting, Jason Jurok
15:55	Ipanema	Ocean Bottom Nodes	<b>Tupi Ocean Bottom Nodes Diffraction Imaging: Challenges and Opportunities in using Full-Azimuth Local Angle Domain for reservoir characterization</b>	Danielle dos Santos Marques, Diego Potomati Vaccaro Nascimento, Nathalia Martinho Souto Muniz da Cruz, Pedro Henrique Silvany Sales, Mário Paes de Almeida Junior, José Marcelo Nunes Cruz, Caio de Souza Barros
15:55	São Conrado	Reservoir Discontinuities	<b>Modelling Faults in Carbonate Rocks using the Discrete Element Method and the Impacts on the Seismic Image</b>	Mario Paes de Almeida Junior, Raquel Quadros Velloso, Douglas Pinto
15:55	Barra	Reservoir Property Estimation	<b>Pore compressibility modeling using four different approaches for Brazilian carbonate rocks</b>	Sofia da Luz Bueno, Marco Ceia, Bueno, Silva M.V., Moreira J. S., Missagia, R.M.
15:55	Recreio	Model Building: Case Studies	<b>Simultaneous inversion of velocity and pre-stack reflectivity with gathers output</b>	Nizar Chemingui, Jaime Ramos Martinez, Guanghui Huang, Sriram Arasanipalai
15:55	Urca	Tectonism and Basin Evolution	<b>Multi-scale Accommodation Zones Implications to Facies Quality on Synrift Aptian Lacustrine Carbonate Reservoirs</b>	Pedro Henrique Silvany Sales, Mario Neto de Cavalcanti de Araujo, Rodrigo Brandao Bunevich, Julio Almeida

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			<b>from Brazilian Pre-Salt</b>	
16:20	São Conrado	<b>Reservoir Discontinuities</b>	<b>Presalt carbonate features interpretation using seismic attributes in a distal portion of the Campos Basin</b>	Paula Carvalho, Lucas Cassino, Adriana Silva, Polianna Costa, Dandara Braga, Thales Azevedo, Tiago Girardi, Vitor Novellino, Alexandre Maul, Francisco Abrantes Júnior
16:20	Barra	<b>Reservoir Property Estimation</b>	<b>Prestack AVA-FWI Elastic Inversion of an Onshore Brazilian Data: a Case Study</b>	Anderson Wilson Peixoto de Franco, Sérgio Adriano Moura Oliveira, Igor Lopes Santana Braga, Luciano Dias de Oliveira Pereira, Fernando Sergio de Moraes, Igor Barbosa de Oliveira, Geovane Frez Ouverney, Cleber Salles Goulart, Eduardo de Souza da Cunha
16:20	Recreio	<b>Model Building: Case Studies</b>	<b>Validation of a new method for estimating an orthorhombic anisotropy model in the Neuquén Basin</b>	Sergio A. Sosa, Juan I. Sabbione, Mauricio D. Sacchi,
16:20	Urca	<b>Tectonism and Basin Evolution</b>	<b>The influence of offshore lineaments at the structural framework of Campos Basin, SE Brazil and their effect on the pre-salt units</b>	Antonio Queiroz, Renata Zanella, João Paulo Oliveira, Vinicius Carneiro, Leonardo Borghi

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