TS11.3: Applied seismic data analysis and interpretation in structural geology and tectonics: state-of-the-art and new prospective

Friday, 8 May, 8:15–10:45

Click to access to displays and chat

Convener: Vittorio Scisciani Co-convener: Stefano Patruno[ECS]

Chaimen: Stefano Patruno, Paolo Mancinelli

Displays:

D1116 | EGU2020-18318
Imaging the Walter Munk lake: Sedimentary dynamics and water resurgence derived from high-resolution seismic reflection survey in Lake Altaussee (Salzkammergut, Austrian Alps)
NEW TITLE: **Imaging Lake Altaussee sub-bottom using iXblue Echoes 10 000 and Delph Seismic Software**
Alban Bouchard, Guillaume Jouve, Damien Leloup, Philippe Alain, and Emmanuel Chapron

D1117 | EGU2020-10612
A comparison of legacy and recently acquired multichannel seismic data on 95 Ma Pacific oceanic crust south of the Hawaiian Islands
Phil Cilli, Tony Watts, Brian Boston, and Donna Shillington

D1118 | EGU2020-19067
Expert and novice gaze in seismic interpretation, implications for colour palette choice and learning.
Clare Bond and Ben Tatler

D1119 | EGU2020-22009
High resolution imaging of fault reactivation in long-lived extensional setting: a case study from the Exmouth Plateau (NW Australia)
Nico D'Intino

D1122 | EGU2020-22035 | ***solicited*** | **Highlight**
From megaslides to mass flows: using seismic geomorphology to unveil gravity-driven deformation at continental margins.
Nicola Scarselli

D1123 | EGU2020-3608
Tectonic controlled sedimentary features at the NE marigin of the Sorgenfrei-Tornquist Zone (STZ), southern Sweden
Yaocen Pan, Elisabeth Seidel, Christian Hübscher, Christopher Juhlin, and Daniel Sopher

D1124 | EGU2020-7543
Seismic processing and imaging of the new 2D marine reflection seismic data in the Polish sector of the Baltic Sea
Quang Nguyen, Michal Malinowski, Piotr Krzywiec, and Christian Huebscher

D1125 | EGU2020-19818
Inversion tectonics during post-orogenic extensional collapse: a comparison between ancient (North Sea, UK) and recent (Fucino Basin, central Apennines Apennines) intermontane systems
Stefano Patruno and Vittorio Scisciani

D1126 | EGU2020-7164
Time reprocessing and depth imaging of vintage seismic data: the Southern Adriatic Sea case study
Edy Forlin, Giuseppe Brancatelli, Nicolò Bertone, Anna Del Ben, and Riccardo Geletti

D1127 | EGU2020-22048
Seismic velocity-depth relation in foreland basins: the case study of the Central Adriatic Sea
Vittorio Scisciani and Paolo Mancinelli