

Stratigraphy fingerprinting today's energy

Monday 29th May 2023

New approaches and techniques on stratigraphic interpretation



Miscia Ltd. together with Municipality of Castell'Arquato and local Geological Museum G. Cortesi have organised an event titled **Stratigraphy fingerprinting today's energy**: there will be no entry fees and catering will be provided on Monday lunch. Although the event is fully sponsored, interested companies/entities can still sponsor aspects of the event. The event will be held at Palazzo del Podestà in Castell'Arquato. It is a building from 1292 where we will have access to four distinctive medieval rooms for the technical presentations and network.

A medieval town which has maintained its appearance as it was in the early 10th century (local chronicles mention the town's existence since 566). Within the Old Town of Castell'Arquato there is a geology museum that organises a yearly academic event called Pliocenica (Pliocene), the area was instrumental to the name Piacenzian in the Geologic Time Scale. **Stratigraphy fingerprinting today's energy** aims to bring together academia and industry to discuss new technologies and techniques with a focus on stratigraphy.

Technical programme

Michael Stephenson, Stephenson Geoscience Consulting Ltd

High resolution stratigraphy of argillaceous rocks using combined palynology, palynofacies and isotopic techniques (or how to use these techniques together to get better results)

David Bailey, BioStrat

Evidence of abundant bryophytes in palynological and palynofacies samples from the Late Palaeozoic and Mesozoic of northwest Europe has significant implications for both disciplines

Cesare Andrea Papazzoni, Associate professor Department of Chemical and Geological Sciences – University of Modena and Reggio Emilia

Larger foraminiferal biohorizons and the Paleocene Shallow Benthic Zones calibrated with calcareous nannofossils

Cristiano Ricci and Peter Shiner, Strata GeoResearch

Carbonate petroleum systems of Italy: analogues for frontier exploration elsewhere in the Mediterranean

Michael Stephenson, Stephenson Geoscience Consulting Ltd

Palynology and outcrop analogue studies for reducing uncertainty of reservoir heterogeneity in carbon capture and storage

Amalia Spina, Department of Physics and Geology – University of Perugia

Polymorph Darkness Index - an optical method to assess the thermal maturity of organic matter: a review of its applicability and calibration

Alessandro Lanfranchi, in collaboration with Strata GeoResearch

Ditch Cuttings Petrography – A Cost-Effective Solution for Improved Play Fairway Analysis

Luca Colombera, Researcher at the University of Pavia

Training machine-learning algorithms for sequence stratigraphic interpretations

Further details on the event can be viewed at the following link: <https://www.miscialtd.com/events>

Currently awaiting confirmation from other speakers. For information on holding a technical talk or how to attend, please contact andrea.miscia@miscialtd.com



Location: Castell'Arquato (1hr drive south of Milan)

Venue: Palazzo del Podestà, Castell'Arquato

Date: Monday 29th of May 2023 from 10am



MUSEO
GEOLOGICO
G. CORTESI CASTELL'ARQUATO