



Tuesday, September 17

08:30 Welcome and Breakfast

09:00 Technical Conference

Amphi G

TIME	TITLE	SPEAKER
09:00	Introduction	Guillaume Caumon (RING)
SESSION INTERPRETATION		
09:15	Transdimensional Inversion of Post-Stack Seismic Data with a Two Dimensional Dipping Layer Parameterization: a Proof of Concept	Julien Herrero (RING)
09:40	Geobody Extraction from Seismic Horizons Using SAM: a Novel Image Segmentation Technique	Julien Razza (Eliis)
10:05	Method of fault data association and modelling in mining context	Romain Baviile (RING)
10:30	Lineament Detection in Geological Images Using the A* Algorithm	Waqas Hussain (Univ. Milano Bicocca)
10:55	BREAK	
SESSION HYDROTHERMAL & KARSTS		
11:25	Do uranium deposit experts and non-specialists differ fundamentally in their interpretation of deposit geometry using drillcore data?	Paul Marchal (RING)
11:50	Generating Realistic Karst Networks of the Barrois Plateau using KarstNSim	Augustin Gouy (RING)
12:15	Stochastic joint modeling of hydrothermal alteration halos and associated geological structures applied to mining studies.	Paul Marchal (RING)
12:40	LUNCH	
SESSION A.I. & INFERENCE		
14:10	Uncertainty in AI-based Reservoir Modelling	Vasily Demyanov (Heriot Watt Univ.)
14:35	Inhomogeneous interacting marked point processes for studying morphostructures in paleobiological data.	Diego Astaburuaga (Univ. Tecnica Federico Santa Maria)
15:00	High-order fault observation association using random forest from analog structural models	Amandine Fratani (RING)
15:25	BREAK	
15:50	Spatial marked point process modelling and Bayesian inference for large data sets	Nathan Gillot (Univ. Lorraine IECL)
16:15	Transdimensional reservoir data inversion for a 2D geological layered model with horizon slopes and horizontal permeability trends	Julien Herrero (RING)



posters |

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(continued)

SESSION POSTERS		
TIME	TITLE	SPEAKER
16:40	Adaptive filtering of elastic property for seismic wave propagation	Laurine Andres (RING)
16:42	Approximating the Hessian matrix in seismic full waveform inversion	Abdrahamane Berete (RING)
16:44	Automatic recognition of tidal bedforms from ground penetrating radar (GPR) data : building the training database	Noémie Bouche (RING)
16:46	Along-strike migration of the flysch to molasse transition in foreland basins. A surface expression of slab tearing?	Lucas Eskens (KIT)
16:48	Incorporation of geological components in alteration halos models of unconformity-related uranium deposits	Louise Houbre (RING)
16:50	3D Geomodelling of Alpine structures with PZero	Riccardo Monti (Univ. Milano Bicocca)
16:52	New metrics to compare and classify automatically simulated multi-well stratigraphic correlations using WeCo	Paul Baviile (KIT)
16:54	From Paleoscan's relative geological time model to unstructured simulation mesh: An implicit modeling journey	Benjamin Pinet (Geode-Solutions)
16:56	OpenGeode: an open source framework for meshing and geomodeling applications.	François Bonneau (Geode-Solutions)
16:58	Impact of rock heterogeneities at the Basin/Socle interface on the alteration halo geometry of unconformity-related Athabasca uranium deposits	Virgile Hidalgo (RING)
17:00	Topological Control of Simulated Discrete Karstic Networks	Rémi Leblond (RING)

18:00 Cocktail - Nancy School of Geology