



EGU22 - EPOS Scientific Programme

23-27 May 2022 - Vienna

Monday, 23 May

TS4.2/NH4.7, Deformation, seismicity, and hazards of low-strain, slowly deforming regions
Presentations, 08:30–10:00, Room K2

09:13–09:19 EGU22-1868 Surface-rupturing paleoearthquakes in a context of slow deforming continental interiors: the Lower Tagus Valley

fault, Central Portugal by Mohammad Foroutan, Susana Vilanova, Sandra Heleno, Andrew Murray, Luís Pinto, Ailar Sajedifar, Ana Falcão, Mohadesseh Torkamani, Carolina Canora, Pedro Pina, Gonçalo Vieira, and Joao Fonseca

Tuesday, 24 May

GMPV9.4/G3.9/NH2.3/TS11.3, Volcanic processes: Tectonics, deformation, geodesy, unrest
Presentations, 08:30–10:00, Room D2

09:17–09:24| EGU22-13057 Joint GNSS-InSAR analysis of ground deformation on the eastern flank of Mount Etna.


Francesco Carnemolla, Alessandro Bonforte, Fabio Brighenti, Pierre Briole, Giorgio De Guidi, Francesco Guglielmino, and Giuseppe Puglisi

09:38–09:45 EGU22-12183 The 2021 unrest phase of Vulcano volcano (Aeolian islands) detected by SAR,GNSS and GB-RAR by Guglielmino

Francesco, Alessandro Bonforte, and Giuseppe Puglisi

EOS4.1, Geoethics in the face of global anthropogenic changes: how do we intersect different knowledge domains?

Presentations, 15:10–16:40, Room 1.14



15:10–15:17 EGU22-13119 Addressing the challenges of making data, products, and services accessible: an EPOS perspective by Michèle Marti, Florian Haslinger, Peppoloni Silvia, Di Capua Giuseppe, Helen Glaves, and Irina Dallo

G3.4, Active lithospheric deformation using space (GNSS, InSAR) and marine geodesy: Lessons from mountain belts and volcanic provinces down to Earthquakes
Presentations, 15:10–16:40, Room D3

16:16–16:23 EGU22-1351 Crustal deformation near Lisbon, Portugal, from GNSS and PSInSAR data by João Fonseca, Mimmo Palano, Ana Falcão, Alexis Hrysiewicz, and José Fernández

TS9.1/GD9.4/GM9.9, Analogue and numerical modelling of tectonic processes
Presentations, 17:00–18:30, Room D1

17:02–17:07 EGU22-4212 Sharing data and facilities in the analogue modelling community: the EPOS Multi-Scale Laboratories Thematic Core Service by Francesca Funciello, Matthias Rosenau, Stephane Dominguez, Ernst Willingshofer, Geertje ter Maat, Frank Zwaan, Fabio Corbi, Jan Olivier Eisermann, Benjamin Guillaume, Pauline Souloumiac, Silvia Brizzi, Giacomo Mastella, Riccardo Reitano, Elena Druguet, Guido Schreurs, and Claudio Faccenna and the **EPOS Multi-Scale Laboratories Team**



Thursday, 26 May

SM2.3, Enhancing seismic network operations from site scouting to waveform services and products

Presentations, 08:30–10:00, Room 0.16

08:34–08:40 EGU22-3954 Coordinating Access to Seismic Waveform Data in Europe: Overview of ORFEUS Activities, Services and Products by

Carlo Cauzzi, Jarek Bieńkowski, Wayne Crawford, Susana Custódio, Sebastiano D'Amico, Christos Evangelidis, Philippe Guéguen, Christian Haberland, Florian Haslinger, Giovanni Lanzano, Lars Ottemöller, Stéphane Rondenay, Reinoud Sleeman, and Angelo Strollo

Friday, 27 May

ESSI3.1, Best Practices and Realities of Research Data Repositories: Balancing the needs of Repositories, Researchers and Publishers

Presentations, 08:30–10:00, Room 0.31/32

09:18–09:25 EGU22-8427 How to publish your data with the EPOS Multi-scale Laboratories data publication chain by

Geertje ter Maat and Richard Wessels and the EPOS TCS Multi-scale Laboratories Team

09:25–09:32 EGU22-10321 Findability of laboratory data in the solid Earth sciences: a portal for cross-disciplinary metadata by


Laurens Samshuijzen, **Otto Lange**, Ronald Pijnenburg, Kirsten Elger, Richard Wessels, **Geertje ter Maat**, Simone Frenzel, and Martyn Drury

ESSI2.3, Established and Establishing Disciplinary International Frameworks that will Ultimately Enable Real-Time Interdisciplinary Sharing of Data.

Presentations, 15:10–16:40, Room 0.31/32

15:37–15:42 EGU22-11968 Proposed metadata standards for FAIR access to GNSS data by

Anna Miglio, Andras Fabian, Carine Bruyninx, Stefanie De Bodt, Juliette Legrand, Paula Oset Garcia, and Inge Van Nieuwerburgh



15:42–15:47 EGU22-6628 EPOS-GNSS – Current status of service implementation for European GNSS data and products by **Rui Fernandes**, Carine Bruyninx, Paul Crocker, Anne Socquet, and Mathilde Vergnolle and the EPOS-GNSS Members

15:47–15:52 EGU22-10071 Facilitating Multi-Disciplinary Research via Integrated Access to the Seismological Data & Product Services of EPOS Seismology by **Florian Haslinger**, Lars Ottemöller, Carlo Cauzzi, Susana Custodio, Rémy Bossu, Alberto Michelini, Fabrice Cotton, Helen Crowley, Laurentiu Danciu, Irene Molinari, and Stefano Parolai

15:52–15:57 EGU22-5478 EPOS-Norway Portal by **Jan Michalek**, Kuvvet Atakan, Christian Rønnevik, Sara Kverme, Lars Ottemøller, Øyvind Natvik, Tor Langeland, Ove Daae Lampe, Gro Fonnes, Jeremy Cook, Jon Magnus Christensen, Ulf Baadshaug, Halfdan Pascal Kierulf, Bjørn-Ove Grøtan, Odleiv Olesen, John Dehls, and Valerie Maupin

15:57–16:02 EGU22-4265 EPOS Data portal for cross-disciplinary data access in the Solid Earth Domain by **Daniele Bailo**, Jan Michalek, Keith G Jeffery, Kuvvet Atakan, and Rossana Paciello and the EPOS IT Team

16:17–16:22 EGU22-3261 Reimagining the AuScope Virtual Research Environment Through Human-Centred Design by Jens Klump, Ulrich Engelke, Vincent Fazio, Pavel Golodoniuc, Lesley Wyborn, and Tim Rawling