

EPOS @ European Geoscience Union Assembly (EGU) 2018

Sessions of interest for EPOS community

Monday 09 April, 2018

ESSI2.6, Web-based Exchange and Processing of Environmental Data , Orals, 10:30–12:00, Room M1

- 11:30–11:45 EGU2018-13680 Architectural Patterns for web-based information processing in scientific infrastructures by Rainer Haener, Henning Lorenz, Sylvain Grellet, Sebastien Hameau, Francois Robida, and Joachim Waechter

GI1.4/GMPV10.1/NH11.9/SM5.04, New frontiers of multiscale monitoring, analysis and modeling of environmental systems (co-organized) , Orals, 15:30–17:00, Room 0.49

- 16:15–16:30 EGU2018-2992 The integration of Multiridge and ScalFun techniques to analyze the volcanic ground deformation pattern: the Okmok volcano (Alaska, USA) case study. by Andrea Barone, Raffaele Castaldo, Maurizio Fedi, and Pietro Tizzani

GI1.4/GMPV10.1/NH11.9/SM5.04, New frontiers of multiscale monitoring, analysis and modeling of environmental systems (co-organized), Posters, 17:30–19:00, Hall X1

- Hall X1, X1.42 EGU2018-18335 The use of Multiridge method to constrain the geodetic sources: the volcanic ground deformation case. by Andrea Barone, Raffaele Castaldo, Maurizio Fedi, and Pietro Tizzani
- Hall X1, X1.48 - EGU2018-19306 The Sentinel-1 SBAS services on the Geohazards Exploitation Platforms by Francesco Casu, Ivana Zinno, Claudio De Luca, Michele Manunta, and Riccardo Lanari

Tuesday 10 April, 2018

SMI3 EPOS TCS Multi-scale laboratories splinter meeting, Tue, 10 Apr, 13:30–15:00 / Room 0.15

ESSI2.8/GI1.6, Environmental physical and data infrastructures: practices, access and technologies - towards system level understanding (co-organized) , Orals, 15:30–17:00, Room L4/5

Wednesday 11 April, 2018

ESSI2.8/GI1.6, Environmental physical and data infrastructures: practices, access and technologies - towards system level understanding (co-organized) , Posters / Attendance Wed, 11 Apr, 15:30–17:00 / Hall X3

ESSI2.4 Virtual Research Environments: creating online collaborative environments to support research in the Earth Sciences and beyond (co-organised with American Geophysical Union), Posters, 15:30–17:00, Hall X3

ERE2.1, Environmental impacts of hydraulic fracturing: Measurements, monitoring, mitigation and management , Orals, 15:30–17:00, Room M1

- 16:15–16:30 EGU2018-15383 Seismic response and fracture growth due to fluid injection by Beata Orlecka-Sikora and Stanisław Lasocki
- 16:30–16:45 EGU2018-15492 Incompatibility of anthropogenic seismicity with probabilistic models typically used in seismic hazard analysis: the case of Oklahoma earthquakes by Stanisław Lasocki and Paweł Urban

Thursday 12 April, 2018

GI3.6/EMRP4.12/ERE2.3/SSP1.9/SSS13.18, Geoscientific Underground Labs and Test Sites (co-organized) , Posters, 17:30–19:00, Hall X1

- X1.137 EGU2018-14837 I-EDDA test centre for core-drilling and downhole investigations by Bjarne Almqvist, Linus Brander, Rüdiger Giese, Ulrich Harms, Christopher Juhlin, Carl Lindén, Henning Lorenz, and Jan-Erik Rosberg

ESSI2.4, Virtual Research Environments: creating online collaborative environments to support research in the Earth Sciences and beyond (co-organised with American Geophysical Union) , Orals, 15:30–17:00, Room M

Friday 13 April, 2018

NH6.2/CR7.4/G3.8/GI2.24/SM3.11/SSS13.55, Imaging Geodesy with InSAR for geohazard and infrastructure monitoring (co-organized) , Orals, 08:30–10:00, Room L6

- 08:45–09:00 EGU2018-12738 The Sentinel-1 P-SBAS processing chain for local, national, and continental scale surface deformation analyses by Michele Manunta, Berardino Paolo, Manuela Bonano, Sabatino Buonanno, Francesco Casu, Claudio De Luca, Adele Fusco, Riccardo Lanari, Mariarosaria Manzo, Antonio Pepe, Giovanni Zeni, and Ivana Zinno

SM6.01/EMRP4.32/NH4.17, Induced and Triggered Seismic Activity: Observation, Theory and Hazard Analysis (co-organized) , Orals, 15:30–17:00, Room D1

- 16:00–16:15 EGU2018-8307 Induced seismicity response of hydraulic fracturing: results of a multidisciplinary monitoring at the Wysin site, Poland by José Ángel López Comino, Simone Cesca, Janusz Jarosławski, Nelly Montcoudiol, Sebastian Heimann, Torsten Dahm, Stanisław Lasocki, Andrew Gunning, Paolo Capuano, and William L Ellsworth

EGU2018-1739 Sharing experimental data and facilities in EPOS: New community services for the analogue modelling of geologic processes in the TCS Multi-scale Laboratories by Matthias Rosenau et al., Friday 13th April, 10:58–11:00, PICO 3.15