EPOS @ EGU2018

EPOS SESSION (ESSI2.9) INTEGRATING DATA AND SERVICES IN SOLID EARTH SCIENCES

Orals | 12 April 08:30 – 12:00 | Room M2

08:30 – 08:45	O_2A – Data Flow Framework from Sensor Observations to Archives
	Roland Koppe, Peter Gerchow, Ana Macario, Antonie Haas, Christian Schäfer-Neth, Hans Pfeiffenberger and Angela Schäfer
08:45 – 09:00	High sensitivity gyroscopes: GINGER and GINGERINO
	Angela D. V. D Virgilio, Jacopo Belfi, Nicolo Beverini, Giorgio Carelli, Umberto Giacomelli, Enrico Maccioni, Andrea Simonelli and Fabio Stefani
09:00 – 09:15	First steps towards internationally integrating data and services in the solid Earth sciences and beyond
	Lesley Wyborn, Ben Evans, Kerstin Lehnert, Tim Rawling, Jens Klump, Kirsten Elger, Simon Cox, Helen Glaves, Mohan Ramamurthy, Erin Robinson and Shelley Stall
09:15 – 09:30	Integration of European borehole data and their dissemination through international interoperable standards
	Sébastien Hameau, Rainer Häner, Mikael Pedersen, Henning Lorenz, Mary Carter, Carlo Cipolloni, François Robida and Sylvain Grellet
09:30 – 09:45	IEDA Integrated Services for Solid Earth Observational Data
	Kerstin Lehnert, Suzanne Carbotte, Stephen Richard, Megan Carter, Vicki Ferrini, John Morton, Neville Shane, Jason Ash and Lulin Song
09:45 – 10:00	EPOS-IP and DARE use case: the VERCE platform for a widely accessible forward and inverse seismic modelling
	Rafiq Saleh, Alessandro Spinuso, Andre Gemuend, Emanuele Casarotti, Federica Magnoni, Lion Krischer, Heiner Igel, Iraklis Klampanos, Horst Schwichtenberg, Frank Anton, Alberto Michelini, Jean-Pierre Vilotte and Andreas Rietbrock
10:30 – 10:45	The AuScope Virtual Research Environment – a data enhanced virtual laboratory for the solid earth sciences
	Tim Rawling, Lesley Wyborn , Ryan Fraser, Ben Evans and Carsten Friedrich
10:45 – 11:00	A Web Portal to access Solid Earth Science heterogeneous data
	Riccardo Rabissoni, Wayne Shelley and Chris Card
11:00 – 11:15	Integrated Core Services Architecture
	Daniele Bailo and Keith Jeffery and the EPOS IT team
11:15 – 11:30	Enabling Computing on the EPOS ICS-D
	Alessandro Spinuso, Andrej Mihajlovski, Chris Card, Daniele Bailo and Valerio Vinciarelli
11:30 – 11:45	Integrating ICS-D providers into EPOS Integrated Services: the case of Enlighten
	Ove Daae Lampe, Kuvvet Atakan and Tor Langeland
11:45 - 12:00	Developments on the IS-EPOS Platform for Analysing Anthropogenic Hazard
	Monika Sobiesiak, Stanislaw Lasocki, Beata Orlecka-Sikora, Konstantinos Leptokaropoulos, Joana Kocot and Pawel Urban

EPOS @ EGU2018

EPOS SESSION (ESSI2.9) INTEGRATING DATA AND SERVICES IN SOLID EARTH SCIENCES

Posters | 11 April 15:30 - 17:00 | Hall X3

X3.59	The contribution of the European Volcanology community to the implementation of the European Plate Observing System (EPOS) infrastructure
X3.60	EPOS Multi-scale laboratories Data Services & Trans-national access program
X3.61	European Plate Observing System – Norway (EPOS-N): Norwegian Solid Earth Data Integration and Arctic Observations
X3.62	Promotion of Earth Science through Transnational Access to the main European Volcanology Research Observatories and Infrastructures
X3.63	Representing Core Concepts for solid-Earth sciences with DCAT – the EPOS-DCAT Application Profile
X3.64	Data integration lessons learned at the IRIS Data Management Center (withdrawn)
X3.65	Romania, a regional testing and validation stage for integrating GNSS data and services in Earth sciences
X3.66	Geo-electromagnetic data and services integration and validation in EPOS
X3.67	EUROVOLC – A European Network of Observatories and Research Infrastructures for Volcanology
X3.68	EPOS-IP – DDSS Master Table and Granularity Database
X3.69	Thematic Core Service on Satellite Data of the EPOS Research Infrastructure
X3.70	EPOS-Norway – Integration of Norwegian geoscientific data into a common e-Infrastucture
X3.71	Establishing integrated virtual access (VA) to data and services for Engineering Seismology: the VA3 work package of the EU project SERA
X3.72	Moving towards EPOS ERIC: Integration of the legal, governance and financial framework
X3.73	Tooling for interoperability and integrity between primary data sources and data infrastructures
X3.74	Implementing EPOS Seismology: Status and Challenges
X3.75	Near Fault Observatories within EPOS-IP: multidisciplinary data, high-level data products and community web services
X3.76	How to deal with old and industrial data? The example of the Data Center for Deep Geothermal Energy (CDGP)
X3.77	Achieving integration through EPOS
X3.78	The Geological Survey of Italy Portal: a new gate for accessing to geological information in Italy
X3.79	EPOS-GNSS - Current status of service and product implementation
X3.80	The EPOS infrastructure: a novel solution for data and service provision in solid Earth science
X3.81	Seismology waveform services in EPOS