

EPOS session @ the 36th General Assembly of the European Seismological Commission (ESC) in Valletta, Malta, 2-7 September 2018



Date:

Monday, March 19, 2018 - 12:00

The 36th General Assembly of the European Seismological Commission (ESC) will take place in Valletta, Malta, from the 2nd to the 7th September, 2018.

The EPOS seismology invites all interested to participate in the session [Seismological e-Infrastructures and their data and products services](#) (find the session abstract also below).

Any contribution related to building and operating e-infrastructures for seismology, on any scale (institutional, national, international) together with presentations on specific new data or products services made available to the community are welcome.

Deadline for abstract submission is now extended to the 16-April-2018.

Further information can be found [at the ESC website](#).

During the ESC week the EPOS seismology will organize a booth and side events: such as a round of hands-on experiences on the fringes of the scientific programme that will provide attendees with opportunities to directly try out the various data and products discovery and access methods that are offered by EPOS Seismology.

More information will be circulated as it becomes available.

S02 -Seismological e-Infrastructures and Their Data and Products Services

e-infrastructure is a fashionable term used in various contexts, mainly describing the combination of advanced ICT tools and resources with scientific data and products in an effort to enable and support multi- and cross-disciplinary investigation and collaboration.

In that sense, the term accurately describes what seismologists globally are doing since decades: openly sharing data and results, and utilizing the best available computer technology to provide access to that data and to perform advanced calculations to better understand the phenomena related to the physics of the planet. Within the European Plate Observing System EPOS, a coordinated e-infrastructure is being implemented to support European solid Earth science research, and EPOS Seismology constitutes its seismological part

(www.epos-ip.org/tcs/seismology). Building upon ORFEUS, EMSC, and EFEHR to cover seismic waveforms, seismological products, and seismic hazard and risk, and integrating results of recent projects e.g. in computational seismology, EPOS Seismology is putting together a broad portfolio of data and product services within a coordinated framework, fully integrated with the EPOS [ICS](#) infrastructure and with the other domains in EPOS. EPOS Seismology will also foster the testing, implementation and integration of new services and data products as they emerge from the scientific community.

In this session, we welcome contributions on all issues related to building and operating e-infrastructures for

seismology, with or without connection to EPOS, and on any scale (institutional, national, international), as well as presentations on specific new data or products services made available to the community. Contributions may cover scientific background, operational implementation, data and metadata management, or governance issues.