



SPECIAL SESSION: **SS-5**

SEISMIC INPUT ENGINEERING NEEDS FOR THE NEXT GENERATION OF SEISMIC CODES

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Within the context of the European research project SHARE (Seismic Hazard Harmonisation for Europe, www.share-eu.org), it is necessary to define the seismic input engineering needs for current and future generations of seismic design codes in Europe.

The results and work presented in this Special Session may influence the development of the homogeneous hazard model for Europe that is the scope of SHARE, thus assisting in the improved and harmonised definition of the Nationally Determined Parameters within the National Annexes and furthermore, making recommendations for future revisions of Eurocode 8.

Date, place and the time of the session will be announced in the Conference Programme.

PROGRAMME:

presenting author in bold

Introduction to the Special Session

Rui Pinho

Setting the Stage for Harmonized Risk Assessment by Seismic Hazard Harmonization in Europe (SHARE)

Jochen Woessner, *Domenico Giardini*

Toward a unified PSHA input data model and code for harmonized hazard assessment

Marco Pagani, *Laurentiu Danciu, Damiano Monelli, Jochen Woessner, Stefan Wiemer, Ned Field*

Hazard output requirements of SHARE, jointly approved with EC8 Committee

Alfredo Campos Costa, Ema Coelho, Alexandra Carvalho, Helen Crowley, Rui Pinho, Graeme Weatherill

Review and Critical Assessment of Seismic Input in Current Design Codes

Graeme Weatherill, *Helen Crowley, Rui Pinho*

Hazard, ground motions and code-based structural assessment

Iunio Iervolino

Discussion