

Proposal for special session organization for 3ECEES:

- Title/ topic: **Seismic rehabilitation and retrofit of structures.**
- Description / reasons for the Special Session:

In the recent past, many structures have behaved poorly under seismic events, leading to large damages and human losses. Many of these structures need to be rehabilitated. On the other hand, due to insufficient capacity of some existing structures to withstand seismic action, special attention should be given to their assessment and, therefore, to the identification of retrofitting needs. This session is devoted to the presentation of scientific works related with the rehabilitation and retrofitting of structures under seismic loading, where both numerical and experimental issues are addressed.

- **possible list of lecturers:**

Artur Vieira Pinto, Rui Pinho, Alex Barbat, Andreas Kappos, Matej Fischinger, Camilo Nuti, Anastasios Sextos, Simone Peloso, Tim Sullivan, Masahiro Kurata, Stergios A. Mitoulis, Carlos Chastre Rodrigues, João Azevedo, Rita Bento, João Almeida; Xavier Romão; Alexandre A. Costa; Romeu Vicente; Hugo Rodrigues; Tiago Ferreira; Bruno Silva; Mónica Amaral Ferreira; Cristina F. Oliveira

- **estimated number of participants:** 10 to 20

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