



18th WORLD CONFERENCE ON EARTHQUAKE
ENGINEERING
WCEE2024
MILAN

GEM OQ
GLOBAL EARTHQUAKE MODEL OPENQUAKE

AGENDA

18th World Conference on Earthquake
Engineering (WCEE2024)
30th June - 5th July, 2024
Milan, Italy

[Full Overview](#)



Date/Time	Location	Session/Topic	Speaker
July 1 Mon 15:09 - 15:15	Suite 9	SHR3 - Is GEM (Global Earthquake Model) making a difference?	John Schneider
July 2 Tue 11:30 - 11:40	Amber 7	BCI5 - Assessing the Accessibility to Healthcare Facilities in Urban Centres Following Seismic Events	Catarina Costa
09:35 - 09:45	Monitor 24	SHR3 - State- and Ground Motion-Dependent Fragility Functions of Masonry Buildings Under Seismic Sequences	Marco Baiguera
09:45 - 09:55	Amber 5	SHR2 - GEMs global seismic hazard mosaic: updates since v2018, applications, and upcoming activities	Kendra Johnson
14:50 - 15:00	Monitor 2	SHR9 - Assessing seismic risk for effective disaster management at an urban scale in El Salvador	Alejandro Calderón
16:00 - 19:00	TBD	Insurance Industry Panel Session and Aperitivo: From Academia to Insurance Industry: What's in it for Earthquake Engineers? (TBC)	hosted by Aon and GEM
July 3 Wed 09:09 - 09:20	Amber 5	SHR11 - METIS Project: GEM's Contributions To The Hazard Work Package	Marco Pagani
10:31 - 10:40	Amber 5	SHR15 - Global Earthquake Loss Assessment: Where And Why Is Seismic Risk High?	Vitor Silva
14:55 - 15:03	Amber 5	SHR15 - Including Spatial And Inter-Period Correlations In Share-Fate Risk Assessment	Manuela Villani
15:10 - 15:20	Amber 5	SHR16 - Advancements In The Earthquake Risk Calculators Of The OpenQuake-Engine	Anirudh Rao
15:30 - 15:45	Amber 5	SHR16 - The Promise Of New Technologies In Earthquake Engineering	Vitor Silva
16:00 - 19:00	TBD	Technical sessions and a stakeholder side event with aperitif	Global Tsunami Model (GTM) community

July 4 Thu 10:33 - 10:45	Monitor 2	SHR1 - Seismic Risk Assessment For Mitigation And Long-Term Planning At The National And Urban Level	Catalina Yepes-Estrada
10:41 - 10:51	Amber 5	SHR17 - Evaluating the Performance Of Gem's Hazard And Risk Models Following Damaging Earthquakes	Helen Crowley
11:00 - 11:10	Amber 6	ASR3/4 - Towards A Global Seismic Environmental Impact Model	Martina Caruso
17:00 - 18:00	Plenary	Joyner Lecture: Why seismic hazard modelling has become a risky business	Helen Crowley
July 5 Thu 10:40 - 10:50	Amber 3	ASR3/4 - Application of a Multi-Criteria Decision-Making Approach for Optimal Building Retrofitting	Margherita Buttazzoni