

MATRIX OF SEMC 2016 PARALLEL SESSIONS

Plenary Sessions are not shown. These will be held in Room A from 08:30 to 10:00 on each day.

	Stream A	Stream B	Stream C	Stream D	Stream E	Stream F
Mon 05 Sept 10:30-12:30 [Period M1]	Dynamic Response, Vibration Analysis, Vibration Control	Material Modelling, Multi-Scale Modelling, Porous Media	Stability of Beams and Thin-Walled Sections	Shells Structures	Reinforced Concrete Structures, Prestressed Concrete	SHM, Damage Detection, System Identification
Mon 05 Sept 13:15-15:00 [Period M2]	Dynamic Response, Vibration Analysis, Vibration Control	Material Modelling, Multi-Scale Modelling, Porous Media	Stability of Beams and Thin-Walled Sections	Shells, Sustainable Construction, Lightweight Structures	High Strength Concrete, High Performance Concrete	SHM, Damage Detection, System Identification
Mon 05 Sept 15:15-17:00 [Period M3]	Dynamic Response, Vibration Analysis, Vibration Control	Biomechanics, Soft Materials	Steel Joints, Steel Connections	Shell Structures, Plate Structures	Reinforced Concrete Structures, Prestressed Concrete	Structural Assessment, Failure Analysis, Repair, Strengthening, Retrofitting
Tue 06 Sept 10:30-12:30 [Period T1]	Vibration Service- ability, Human- Induced Vibrations	Numerical Modelling, Numerical Simula- tions, FE Formulations	Cold-Formed Steel Structures	Laminated, Composite & Sandwich Structures	Structural Use of FRP Composites	Structural Assessment, Failure Analysis, Repair, Strengthening, Retrofitting
Tue 06 Sept 13:15-15:00 [Period T2]	Non-Linear Mechanics	Numerical Modelling, Damage Modelling	Cold-Formed Steel Structures	Laminated, Composite & Sandwich Structures; Design Optimisation	Structural Use of FRP Composites	Soil-Structure Inter- action, Foundations, Geotech. Engineering
Tue 06 Sept 15:15-17:00 [Period T3]	Non-Linear Mechanics	Performance of Structures in Fire, Design for Fire Resistance*	Stainless Steel, Aluminium Structures	Manufacturing Processes, Assembly Processes	Structural Use of FRP Composites	Strengthening, Renovation, Failure Analysis, Material Characterisation
Wed 07 Sept 10:30-12:30 [Period W1]	Seismic Response, Seismic Analysis, Earthquake- Resistant Design	Damage Modelling, Fracture, Fatigue	General Steel Structures	Renewable Energy Structures, Buildings, Special Structures	Mechanics of Concrete, Properties of Concrete	Soil-Structure Inter- action, Foundations, Geotech Engineering
Wed 07 Sept 13:15-15:00 [Period W2]	Seismic Response, Seismic Analysis, Earthquake- Resistant Design	Wind Loading, Response of Structures to Wind	Steel Structures, Steel- Concrete Composite Construction	Design Considerations, Timber Structures	Construction Tech- nology, Construction Materials	Offshore Foundations
Wed 07 Sept 15:15-17:00 [Period W3]	Seismic Response, Seismic Analysis, Earthquake- Resistant Design	Wind Loading, Response of Structures to Wind	Glass Structures	Design Philosophies, Engineering Education	Construction Tech- nology, Construction Materials	Masonry Structures

*Session B-T3-X (an extension of Material Modelling, Multi-Scale Modelling, Porous Media) also runs in this Period.