



CALL FOR PAPERS

ICRSEM 2021
Jan 28-29, 2021
Istanbul, Turkey

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICRSEM 2021 : International Conference on Railway Systems Engineering and Management is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Railway Systems Engineering and Management. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Rolling Stock	Safety, security and reliability
Rolling stock design, manufacture and maintenance	Ergonomics and interior design
Modelling and Simulation:	Infrastructure
Railway dynamics, Structural analysis, Crashworthiness,	Railway structures: Bridges, tunnels and transition zones
Wheel-rail interaction,	Track design, construction and maintenance
Pantograph-catenary dynamics, Wear and Fatigue	Interaction of vehicles with the infrastructure
High speed trains	Foundations
Light railways and trams	Track monitoring
Technologies to increase freight capacity	Trackbeds: Sleepers and ties
Bogies technology	Geotechnical aspects:
Field and laboratory testing	Earthworks, embankments, stabilisation
Performance and optimisation	Technologies for track defects detection
Aerodynamics and crosswind	
Noise, vibration and comfort	
Traction and braking	