

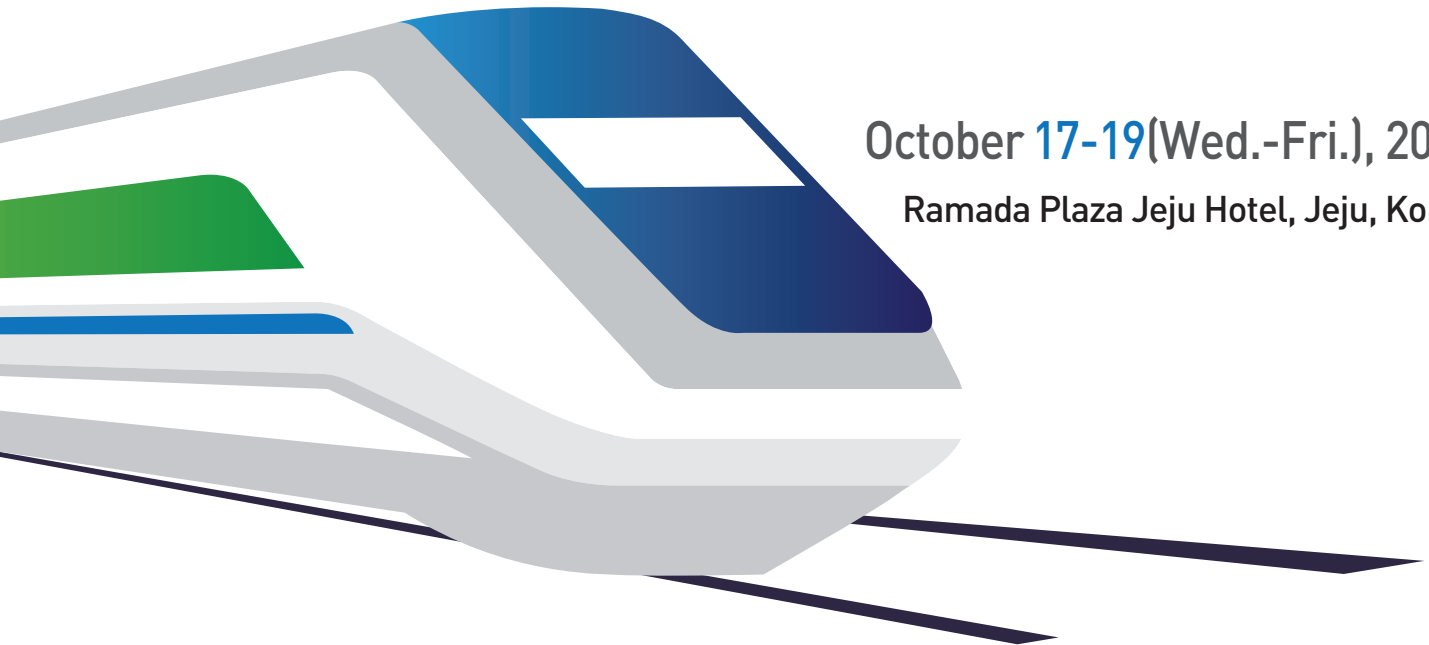


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ART 2018

The 2nd Asian Conference on Railway
Engineering and Transportation

*“Challenges of Asian Railway Technology
in the 4th Industrial Revolution”*



October 17-19(Wed.-Fri.), 2018

Ramada Plaza Jeju Hotel, Jeju, Korea

Save the Dates for ART 2018!



Organized by  THE KOREAN SOCIETY
FOR RAILWAY

ART 2018 Secretariat

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Conference Topic

1 Railway Network, Infrastructure and Transportation (RNIT)

- 1-1 Visions for Integrated Asian Rail Network
- 1-2 Global Standards for Asian Railway Interoperability
- 1-3 Infrastructure Project & Management
- 1-4 Rail Track Structure
- 1-5 Construction and Maintenance
- 1-6 Rail Track Geotechnics
- 1-7 Tunnels and Bridge
- 1-8 Computation and Simulation
- 1-9 Noise and Vibration
- 1-10 Planning, Development and Operational Issues

2 Railway Safety System Innovation (RSSI)

- 2-1 Implementation Issues of Safety Management Systems
- 2-2 Accident Analysis and Prevention and Safety Protection Design
- 2-3 IoT based Real-time Detection of Safety Hazards
- 2-4 Big-data based Risk Management and Response
- 2-5 Condition Based Maintenance for Railway Systems
- 2-6 Predictive Analytics
- 2-7 Health Monitoring
- 2-8 Vehicle Dynamics and Traffic Safety

3 Future of Transport Mobility (FUTM)

- 3-1 Rolling Stock
- 3-2 Visions for New Urban Mobility
- 3-3 Urban Mobility in Autonomous Vehicle Age
- 3-4 Personal Rapid Transit Technology and Implementation
- 3-5 Issues for Deployment Trams in Urban Area
- 3-6 Inter-city Express Train
- 3-7 MagLev System
- 3-8 Hyperloop

4 Transport Sustainability for Asian Countries (TSAC)


- 4-1 Railways and the Impact on Sustainability
- 4-2 Sustainable Urban Transportation System in Asia
- 4-3 International Collaboration for Railway Sustainability
- 4-4 Freight Logistics
- 4-5 Environmental Issues
- 4-6 Big-data/AI based Smart & Sustainable Transport System

5 Signal and Train Control Engineering (STCE)

- 5-1 Railway Traffic Management System
- 5-2 Information and Technology System

Abstract Submission

Deadline: **March 31, 2018**

 GUIDE 1	 GUIDE 2	 GUIDE 3	 GUIDE 4	 GUIDE 5
<p>Abstracts must be written in English and submitted through the ART 2018 website by March 31, 2018.</p>	<p>Abstract body including references should be in text only and should not exceed 500 words.</p>	<p>Choose your presentation type Oral or Poster.</p>	<p>Acknowledgement of your abstract submission will be sent via e-mail by April 30, 2018.</p>	<p>Authors whose presentations are accepted must register for the conference.</p>

Paper Publication

The authors of papers presented at the conference will be invited to submit their extended version of papers for possible publications in the **Journal of the Korean Society for Railway (SCOPUS)**, after a peer review evaluations process.