

# CALL FOR PAPERS

2016 IEEE International Conference on Intelligent Rail Transportation

23-25 August 2016, Birmingham, UK



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## Sponsored by:

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## SCOPE

The 2016 IEEE International Conference on Intelligent Rail Transportation will be held in the UK at the Edgbaston Campus of The University of Birmingham from 23-25th August 2016.

As demand for rail transportation continues to rapidly increase, significant challenges have arisen to many railways in terms of Capacity, Carbon emissions, Cost and Customer satisfaction (the 4Cs). To meet these challenges, new technologies have been gradually introduced to rail transportation to improve the 4Cs. IEEE ICIRT 2016 provides a forum for scientists and engineers working in academia, industry and government to present their latest research findings and engineering experiences in application of "New Technologies to Improve Railway Capacity, Carbon emission, Cost and Customer satisfaction". Research papers and workshop proposals are invited on, but are not limited to, the following topics:

Traffic management and train control  
System optimisation  
Condition monitoring  
Non-destructive testing  
Communication technology  
Intelligent rail transport  
Vehicle dynamics and control  
Human factors

System modelling and simulation  
Transportation planning and timetabling  
RAMS  
Data modelling and integration  
Railway infrastructure  
Energy modelling and management  
Capacity analysis  
System automation

## Paper Submission

Papers should describe original work and must be 10 pages or less in length using the provided template. At least one of the authors of each accepted paper must register and present the paper at IEEE ICIRT 2016. Authors must submit their manuscripts electronically following the instructions on the conference website at <http://www.ieee-icirt.com>. All accepted papers will be published by IEEE, which will be indexed by EI and ISTP and excellent papers will be considered for future inclusion in IEEE Transactions on Intelligent Transportation Systems and IEEE Intelligent Transportation Systems Magazine. Please contact us on [ieeicirt2016@contacts.bham.ac.uk](mailto:ieeicirt2016@contacts.bham.ac.uk).

## Important Dates

Abstract submission deadline:	19 <sup>th</sup> February 2016
Notification of abstract acceptance:	26 <sup>th</sup> February 2016
Full paper submission deadline:	15 <sup>th</sup> April 2016
Notification of full paper acceptance:	20 <sup>th</sup> May 2016
Camera-ready copy due:	10 <sup>th</sup> June 2016