

2015 International Conference on Electrical and Information Technologies for Rail Transportation

(Aug. 28-30, 2015, Zhuzhou, Hunan Province, China)

<http://www.eitrt.org/>

2015 International Conference on Electrical Engineering and Information Technologies for Rail Transportation (EITRT2015) will be hosted by The Electrical Equipment Technology Committee for Rail Transportation, China Electrotechnical Society, Beijing Jiaotong University, and CSR ZHUZHOU INSTITUTE CO., LTD., etc in Changchun during August 28-30, 2015. The aim objective of EITRT2015 is to provide a platform for researchers, academicians as well as industrial professionals from all over the world to present their research results and development activities in the fields of Electrical and Information Technologies related with Rail Transportation. The conference provides opportunities for the delegates to exchange new ideas and application experiences face to face, to establish research or business relations and to find global partners for future research collaboration.

Sponsor and Co-sponsors

Hosted by:

The Electrical Equipment Technology Committee for Rail Transportation, China Electrotechnical Society
Beijing Jiaotong University

Organizer:

CSR ZHUZHOU INSTITUTE CO., LTD.

Co-sponsored by:

Beijing Qiansiyu Electric Co., LTD.
University of Birmingham, England
Springer-Verlag

Indexing

All accepted papers in English will be published by Springer-Verlag, which will be submitted to **EI Compendex indexing**. High quality papers will be recommended for publication in international journals indexed by **EI**.

All accepted papers in Chinese will be published in the EITRT2015 Proceedings in Chinese, which will be indexed by **CNKI**.

Call for paper

Papers are invited on research in Electrical and Information Technologies related with Rail Transportation, including but not limited to the following topics:

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|---|---|
| AREA 1: Novel Traction Technologies of Rail Transportation | Novel Material of Power Electronic |
| | Power Quality Management in Rail Transportation |
| | Characteristic Research of Pantograph-Catenary |
| | Advance Micro-Control System |
| | Traction Motor Control |
| | New Vehicle Network |
| | High Frequency of Power Electronics |
| | Efficiency-Increasing Control for Traction System |
| | Traction Safety and Control Technologies under Complex Conditions |
| | Electric Braking Security |
| | Power Electronic System RAMS |
| | Error Detection, Diagnosis and Remaining Life Prediction of Power Electronic System |
| | Hybrid Traction Technologies |
| | Key Technologies of Energy Saving and Emission Reduction |
| | Application of Lithium Battery, Super Capacitor, etc.in Rail Transportation |
| New Traction Technologies of Rail Transportation | |
| AREA 2: system safety and emergency management | system safety and risk analysis |
| | safety monitoring and early warning |
| | safety factor modeling and simulation |
| | fault detection, diagnosis and forecast |
| | reliability engineering |
| | maintenance engineering |
| | rail transportation system RAMS |
| | rail transportation plan and optimization |
| rail transportation emergency management | |
| AREA 3: Information and Computer Technology | Computer technology |
| | Computer security |
| | Information system |
| | Information fusion |
| | Database system |
| | Pattern recognition |
| | Embedded system and applications |
| | Data mining and cluster analysis |
| | Adaptive signal processing and control |
| | Dynamic systems modeling |
| | Internet technology |
| | Internet of things and cloud computing |
| computer simulation | |

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| AREA 4: rail transportation and automatic control | rail transportation demands management |
| | rail transportation planning and operation optimization |
| | rail transportation system modeling and analysis |
| | novel rail transportation system |
| | advanced train operation control system |
| | automatic control |
| | artificial intelligence technologies and applications in rail transportation |

Important Dates

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|------------------------------|--------------------|
| Deadline of paper submission | May 20, 2015 |
| Notification of acceptance | June 30, 2015 |
| Camera-ready copy | July 15, 2015 |
| Conference | August 28-30, 2015 |

Submission Guidelines

You can submit your paper(s) by two ways: E-mail and online Easychair Submission System.

(1) Easychair Submission System

<https://easychair.org/conferences/?conf=eitrt2015>

(2) Submission Email: iceitrt@126.com

Registration Fee

The registration fee is as below:

| | Early Registration (within 15 days after Acceptance Notification) | Late Registration (> 15 days after Acceptance Notification) |
|----------------------|--|--|
| Students | 350 USD/2000 RMB | 400 USD/2400 RMB |
| Regular Authors | 400 USD/2400 RMB | 450 USD/2600 RMB |
| Listeners | 200 USD/1000 RMB | 200 USD/1000 RMB |
| Additional Paper (s) | 350 USD/2000 RMB | 350 USD/2000 RMB |
| Additional Page | 50 USD/300 RMB | 50 USD/300 RMB |
| Papers in Chinese | 1500 RMB | 1500 RMB |

Contact Information

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