



UNIVERSITY OF BIRMINGHAM



UNIVERSITY OF WOLLONGONG AUSTRALIA



H2020-MSCA-RISE-RISEN Rail Infrastructure Systems Engineering Network

U. PORTO

NTNU Norwegian University of Science and Technology



RISEN

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### March 2020 Newsletter



### Thailand-World Rail Expansion Conference 2020

RISEN researcher (Mr Chayut Ngamkhanong) was invited to give a talk on 25-26 February 2020 at Shangri-La Hotel, Bangkok, Thailand. The title was 'Under Sleeper Pad (USP) in ballasted track'. The conference provided an opportunity to be updated on new projects, new opportunities and blueprint for the development of high-profile railway projects, including High-Speed Rail (HSR), Mass Rail Transit (MRT) and Light Rail Transit (LRT) projects across Asia Pacific, Africa, Middle East, Europe and the region. The presentations were well received by engineers, researchers, lecturers and industries. After the conference, he also visited Chulalongkorn University, Thammasat University and Assumption University to make discussion with Thai professors on railway research and future collaboration.



### RISEN Research Seminar: Results and opportunities in a Brazilian railway company

RISEN UoB arranged the RISEN seminar series held at University of Birmingham, UK on 9th March 2020. The presentation was given by Hugo Ribeiro, Track Reliability Specialist for the Maintenance Engineering Department in MRS Logistica, a Brazilian railway company. He narrated on topic entitled "Results and opportunities in a Brazilian railway company" The talk focused on the track maintenance policy and decision support, robust quantitative methods or models for maintenance demand identification, prioritization and resource allocation, focusing on reliability, operational safety and cost reduction. The event was considerably paid attention by UOB's students, postdoctorals and researchers.



### News and Events (please kindly submit your news, marketing and event items to [s.kaewunruen@bham.ac.uk](mailto:s.kaewunruen@bham.ac.uk))

- RISEN is hosting a special issue on Extreme Sciences and Engineering featured on Applied Sciences (ISI/Scopus Indexed). Please visit [https://www.mdpi.com/journal/applsci/special\\_issues/Extreme\\_Sciences\\_Engineering](https://www.mdpi.com/journal/applsci/special_issues/Extreme_Sciences_Engineering).
- RISEN is hosting a special issue for book publication on Best Practices on Advanced Condition Monitoring of Rail Infrastructure Systems, featured on Frontiers in Built Environment (Scopus indexed). Please visit <https://www.frontiersin.org/research-topics/10545/best-practices-on-advanced-condition-monitoring-of-rail-infrastructure-systems>.
- RISEN secondees, researchers and staff are all invited to join The Marie Curie Alumni Association (MCAA) supported by the European Commission to promote networking between past and current beneficiaries of Marie Curie research funding. Please register to get involved & shape scientific policy in your communities via <https://www.mariecuriealumni.eu/>.



RISEN €1.2m

