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RISEN

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



May 2018 Newsletter



Foreword

Welcome to the May issue of RISEN newsletter.

First, I would like to state that we communicate this newsletter to only partners, colleagues and friends of RISEN. We **do not** collect or keep your data nor use your contact details for any other purpose. However, if you wish to be removed from the contact list, please kindly let us know. We understand that you are very busy, so we will not ask for any reason: simply, say 'please remove me from the list'.

This year is full of activities. In early June, **Brno** will host ECR Training Workshop and iRISE2018. Then, a number of us will attend Nordic Seminar on Railway Technology at CHARMEC, Sweden, and European Congress on Computational Mechanics in Glasgow. In July, RISEN will host a rail symposium at WCCM2018 in NYC. In August, we will be at InnoNoise 2018 in Chicago. In September, RISEN will take a key part in Railways 2018 in Barcelona (3-7/09), and Innotrans 2018 in Berlin (18-20/09); and UoB will host prestigious JSPS Workshop on High Speed Rails in Birmingham (21/09). In addition, there will be RISEN Summer Course (in conjunction with CONTACT 2018) at **TU Delft**, the Netherlands (22-27/09). If you wish to join any of these events, please kindly let us know.

Before you all leave to enjoy your summer, I would like to encourage our EU partners to plan the secondments over the next 2 years. Although we have reached our half time milestone with excellence recognition by the EU, we wish to be even better for the next half. If you need any assistance or inquiry, please let me know.

Enjoy your summer and see you again very soon.

Best wishes and take care,

RISEN Coordinator

Dr Sakdirat Kaewunruen, the University of Birmingham, UK; Twitter: @risen2017, YouTube Channel: ['RISEN2Rail'](#)
URL: www.risen2rail.eu

Infrarail 2018

RISEN team visited 2018 Infrarail Exhibition in London in early May. Fruitful discussions with UK-based rail suppliers took place; and many SMEs and UK suppliers are willing to support RISEN research translation in the future. Several companies have also helped supplied some materials (geosynthetic materials, FFU sleepers, concrete bearers, etc.) to enhance research collaboration with RISEN.



WCRR2019 Headquarters Launched

The Railway Technical Research Institute (RTRI) will co-host, with international organizing committee members, the 12th World Congress on Railway Research (WCRR 2019) which is scheduled from October 28th to November 1st in 2019. Since last year, the preliminary office for WCRR 2019 has been working, and on April 1 this year, the WCRR 2019 Headquarters were launched at RTRI, staffed with new members. WCRR 2019 will be a good opportunity to showcase Japanese railway technologies in addition to provide the place for information sharing. WCRR 2019 is the second one held in Tokyo, following WCRR '99. With the main theme of WCRR 2019, "Railway research to enhance the customer experience," participants from railway operators, industries and research institutes are expected to deliver presentations which contribute to improving the experience of railway customers from their own standpoints. The abstracts for presentation will be called in May and we would like to ask for your participation as sponsors and exhibitors.



RISEN UOB Team participated in RSSB Research Showcase

UOB Team attended 2018 RSSB Research Showcase in Birmingham. The showcase provided interactive discussion on research impact and RISEN's role in shaping European Rail Innovations in the future to come. The discussion was very positive among participants and RSSB with the acknowledgement that RISEN has been officially recognized by the European Commission's Innovation Radar as 'Excellent Innovations'.

Thai Academics visited RISEN Team

Professor Thanatchai Kulworawanichpong, Dr Tosaphol Ratniyomchai and PhD students from Suranaree University of Technology, Thailand visited UOB RISEN Team to discuss potential collaboration on railway research and education. They also planned to help RISEN researchers build further relationship with Siam Synchrotron Light Source Laboratory for advanced rail material research.



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

- From 4 to 6 June 2018, BRNO University of Technology in Czech Republic will proudly host the third RISEN ECR Training Workshop to provide training in public speaking and engagement, research commercialisation skills, intellectual properties and open access publication strategies for RISEN young researchers and scholars.
- RISEN will organise a WCCM2018 special session on Computational Mechanics and Dynamics in Transportation Infrastructures in NYC in July this year. Your contributions are welcome: http://www.wccm2018.org/MS_1313
- RISEN will chair two technical sessions at Railways 2018. Your contributions are welcome: <http://www.civilcomp.com/conf/2018/rw/rw2018.htm>
- The 11th International Conference on Contact Mechanics and Wear of Rail/Wheel Systems (CM 2018) will be organized by Delft University of Technology (TU Delft), in The Netherlands, September 24-27, 2018. The theme of the conference is Connecting Science and Practice Towards Future Rail-Wheel Interaction. This event will be run in parallel with RISEN Doctoral Course on Passenger and High-speed Railways. More details can be found in <https://cm2018.org>
- For submissions of abstracts and mini-symposium for the World Congress on Railway Research (WCRR) 2019 in Tokyo Japan, please visit <https://wcr2019.org/> (Deadline for Abstracts: 10 August 2018).