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

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July 2017 Newsletter



Foreword

Welcome to the July issue of RISEN newsletter.

In July 2017, UPV successfully hosted the 2nd RISEN ECR Workshop and International Symposium on Rail Infrastructure Systems Engineering (i-RISE 2017). On behalf of RISEN Consortium, we would like to thank UPV (Prof Julia Real and José Luis Velarte González) for their kind and superb hospitality. Our RISEN ECRs had successfully engaged with over 75 local school students (12-14 years old) to help them gain some understanding in STEM and railway engineering. Some highlights will be displayed on RISEN website and the next newsletter. Also, congratulations to the best presentation winners: Daniel Kvarda (Brno University of Technology) and Araliya Mosleh (University of Porto).



Please kindly note in your diary that we will have the Project Midterm Review on **Friday 20 October 2017** (9.00-15.30) at Poli Milan, Italy. I would like to ask every partner to prepare the summary of your institution secondment and future plan. Any reason or potential cause for secondment delay should be recorded, highlighted and justified so we could help you effectively.



Hope you all enjoy the summer! For those who are on a secondment, please kindly let us know your twitter, Instagram or social media. We will try our best to promote you and your research.

Best wishes and take care,

RISEN Coordinator

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

RISEN UOB Team participated WMCAUS 2017



RISEN UOB research students (Mr.Serdar Dindar, Mr.Chayut Ngamkhanong and Mr.Dan Li) participated in and gave research presentations in The World Multidisciplinary Civil Engineering-Architecture-Urban Planning Symposium (WMCAUS 2017) held at Hotel Duo in Prague, Czech Republic from 12-16 June 2017. WMCAUS was a forum for discussion of the latest findings and technologies in different fields of the Civil Engineering, Architecture, City and Urban Planning.

RISEN UOB participated COMPDYN 2017

RISEN UOB Team (Dr Kaewunruen) participated and gave research presentations in The 6th International Conference on Computational Methods in Structural Dynamics and Earthquake Engineering (COMPDYN 2017), Rodos Palace's Convention Center in Rhodes Island, Greece. Dr Kaewunruen also chaired a session on extreme dynamics.



Appointment on ISO Standard Working Group

RISEN UOB Team (Dr Kaewunruen) has been appointed as the UK Expert on ISO Standard Working Group for Railway Concrete Sleepers and Bearers. This appointment will enhance RISEN outcome in order to make strong and lasting impact on international standardization.



RISEN Partners honored at the 1st International Conference on Rail Transportation



RISEN Partners (including the University of Wollongong, University of Illinois at Urbana Champaign, University of Birmingham, University of Porto, Poli-Milan, TU Delft and Brno University of Technology) actively participated and gave invited and keynote presentations in The 1st International Conference on Rail Transportation, hosted by Southwest Jiaotong University (SWJTU) in Chengdu, China. The event was successfully organized and extremely well received by both international and domestic research and industrial communities. Technical visit to one of the world largest railway simulation and railway engineering laboratories at SWJTU was very impressive. Note: currently, two RISEN secondments at SWJTU include

Andreas (from KTH) and Dan (from Birmingham). Brno will carry out two secondments at SWJTU in early 2018. In return, two PhD students from SWJTU will attend TU Delft and University of Birmingham in September and October 2017, respectively. On this ground, we are very grateful to Prof Wanming Zhai for his kind help and excellent hospitality.

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

- Open call of papers for a special issue in Science of the Total Environment (IF : 3.976) <https://www.journals.elsevier.com/science-of-the-total-environment/call-for-papers/the-effect-of-transportation-vibration-on-the-urban-acoustic> (expected deadline: end November 2017)
- RISEN Research Conference was successfully organised at UPV. All participants are invited to submit a contribution for a special issue on 'Railway infrastructure engineering' in *Infrastructures*. This gold open access journal complies with European Commission H2020 Article 29. The submission is *free* until the end of 2017. For more details, please visit <http://mdpi.com/si/9564>
- The 2nd Joint Workshop on Tribology will be held in Tokyo Japan from 15 to 16 November 2017. This workshop is jointly organised by RISEN Brno University of Technology (Prof M Hartl) and RTRI (Dr Chen). You all are invited to attend this event. The event program will be posted on RISEN website (www.risen2rail.eu). Note that **the participation is free**. Please kindly RSVP via e-mail: chen@rtri.or.jp (Dr Chen) by the end of October 2017.
- Open call for a special issue in Safety, Risk and Uncertainties in Transportation and Transit Systems <http://journal.frontiersin.org/researchtopic/6306/safety-risk-and-uncertainties-in-transportation-and-transit-systems>
- Congratulations to UoB Team (Dr Kaewunruen) for the best paper award from Stephenson Conference in London.