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RISEN

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



## November 2017 Newsletter



### Foreword

Welcome to the November issue of RISEN newsletter.

First, I would like to thank all EU partners to participate in the Project Midterm Review at Poli Milan, Italy in October. As you are well aware of, RISEN consortium has reached the scientific targets within 1.5 years (and, if we continue our hard work, we will make even greater contribution to railway sector in 2020). Also, I would like to sincerely thank all partners, who have been working so hard to help with the new revised secondment plan. The grant agreement amendment is now being conducted and in consultation with EU officer. I am very humble to officially inform you all that we will welcome five new world-class partners including the **University of California Berkeley, Japan Railway Technical Research Institute, University of São Paulo, Iranian University of Science and Technology, and Evoleo Germany**. These new partners will strengthen our research frontiers and enhance our research exchange and secondments. Hopefully, we can facilitate research secondments with them very soon.

**Congratulations** to our UOW Partners. Dist. Prof Buddhima Indraratna and Prof. Cholachat Rujikiatkamjorn won prestigious geotechnical award in Wuhan, China. Also, congratulations to UOB RISEN researcher (Jake Rennie) for 2017 IStructE Best Student Award.

Please note that EU partners can directly contact any potential host (supervisor) in the consortium to arrange the secondment. Otherwise, please kindly contact RISEN coordinator to facilitate the discussion with potential hosts as soon as possible.

Hope you all are enjoying upcoming festive season! 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.

**Merry Christmas and Happy New Year 2018 !**

Best wishes and take care,

**RISEN Coordinator**

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

[www.risen2rail.eu](http://www.risen2rail.eu)

PS. My sincere apology for the delayed update of our website. The server has some technical issue and will be resolved by the host company within December 2017. However, our live twitter and social media are still working brilliantly. As many of you know, I am on my way to carry out my secondment at MIT in Boston. Hopefully it does not snow too much.



## RISEN UOB participated EASEC 2017

RISEN UOB Team (Dan Li) participated and gave research presentations in the East Asia-Pacific Conference on Structural Engineering and Construction (EASEC 2017) held on October 11-13, 2017 in Xi'an, China. Dan also chaired a session on Transportation Infrastructures. One of UOB papers has been invited for journal publication in International Journal of Structural Stability and Dynamics.



## RISEN partner won prestigious geotechnical award



Congratulations to our international partner in Australia, Distinguished Professor Buddhima Indraratna and Prof. Chonlachat Rujikiatkamjorn from University of Wollongong (UoW). They won the prestigious geotechnical awards at The 15th International Conference of the International Association for Computer Methods and Advances in Geomechanics (15IACMAG) held in Wuhan, China, during October 20-23, 2017.

On related news: Prof Raid Karumi (KTH) is currently spending time with UOW partner for his joint research in railway bridge resilience; also, Dr Araliya Mosleh (U Porto) is working on EQ-resistant design (with Profs Alex Remennikov and Niez Sheikh). It is now a warm summer in Wollongong.

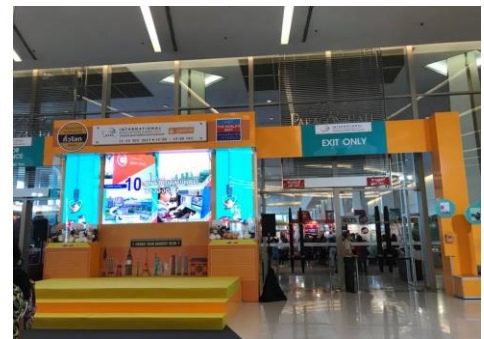
## RISEN UOB warmly welcomed the special guests from ARUP and Arcadis



RISEN UOB warmly welcomed Damian Hong, senior engineer from ARUP, as a special guest lecturer on track geometry design in the Railway Infrastructure Engineering Module on 24 October 2017. Also, RISEN UOB warmly welcomed Sarangan Paskarajothy, senior engineer from Arcadis, as a special guest lecturer on transit spaces/kinematic envelopes (KE) on 31 October 2017.

## RISEN participated in Thailand's OCSC Education Fair

RISEN UOB Team (Dr Kaewunruen) has participated in the Educational Fair organised by the Office of Civil Services Commission (OCSC), Royal Thai Government. OCSC Educational Fair is the largest educational exhibition in Thailand and organised annually for governmental officials and the public participants. During the exhibition, RISEN UOB Team has introduced the audiences on the EU-H2020 RISEN Project and the impact of the research on railway infrastructure resilience. The exhibition was very well received with over 7,000 participants who seek to study and carry out research in this field. Dr Kaewunruen had also met with National Science and Technology Development Agency (NSTDA) to inform Royal Thai Scholars and Officials about RISEN research collaboration.



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

- You all 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>
- RISEN will organise a WCCM2018 special issue on Computational Mechanics and Dynamics in Transportation Infrastructures in NYC next year. Your contributions are welcome: [http://www.wccm2018.org/MS\\_1313](http://www.wccm2018.org/MS_1313)
- RISEN ECR Training Workshop and i-RISE 2018 will be hosted by Brno University of Technology in June/July 2018. Watch out this space for more details early 2018.