

# 5<sup>th</sup> International Conference on Recent Advances in **Railway** Engineering

Tehran, 15 May 2017 - Tehran Int. Permanent Fairground  
Tehran, 16 May 2017 - SRE, IUST

# پنجمین کنفرانس بین‌المللی پیشرفت‌های اخیر در مهندسی راه‌آهن

تهران ۲۵ اردیبهشت ۱۳۹۶ - محل دائمی نمایشگاه‌های بین‌المللی  
تهران ۲۶ اردیبهشت ۱۳۹۶ - دانشکده مهندسی راه‌آهن دانشگاه علم و صنعت ایران

## Workshops

 Stéphane Edenwald Pandrol	 Luca Bruno Politecnico Di Torino	 Willy Molter Strail	 Chen Mingwu Southwest Jiaotong Uni.
 Patrick Calers Pandrol	 Adriano Sturchio Salcef	 Mohammed Rizvi Siemens	 Luc Vuilleumier Siemens
 Louis Vandamme Pandrol	 Ricardo Corral DF Rail	 Mohammad Reza Taleai IUST	 Bagdan Tronac NAUE
 Dan Sapsford Pandrol	 Giovanni Brero ERF	 Deng Yunchuan CREEC	 Sergey V. Myamlin DNU

## Keynotes and Invited Speakers

 Prof. William Powrie University of Southampton	 Dr. Wulf-Holger Arndt Technical University of Berlin
 Prof. He Xia Beijing Jiaotong University	 Prof. Klaus Rießberger Technical University of Graz
 Dr. Florian Auer Plasser and Theurer	 Dr. Tom Kutscher Siemens

## Conference Topics

Rolling Stock  
Railway Infrastructure  
Railway Transportation  
Control and Signalling  
Economics and Policy  
Railway Electrification  
Suburban Trains  
Safety and Operation

## Conference Programs

Keynote Speakers  
Paper Presentations  
Workshops  
Professional Panels  
International Exhibition  
Young Researcher Award  
Industrial Visits

## Sponsors



آدرس دبیرخانه تهران، نارنگ: دانشکده مهندسی راه‌آهن دانشگاه علم و صنعت ایران  
تلفن: ۰۵۵-۷۷۲۴۰۰۲۱ دورنگار: ۰۲۱-۴۳۸۵۱۲۲  
وبسایت: icrare2017.iust.ac.ir رایانه: icrare2017@iust.ac.ir

Address: School of Railway Engineering, Iran University of Science and  
Technology, Farjam St., Tehran, 13114-16846, Iran  
Tel: +9821 77240055 Fax: +9821 43851220  
Website: icrare2017.iust.ac.ir Email: icrare2017@iust.ac.ir

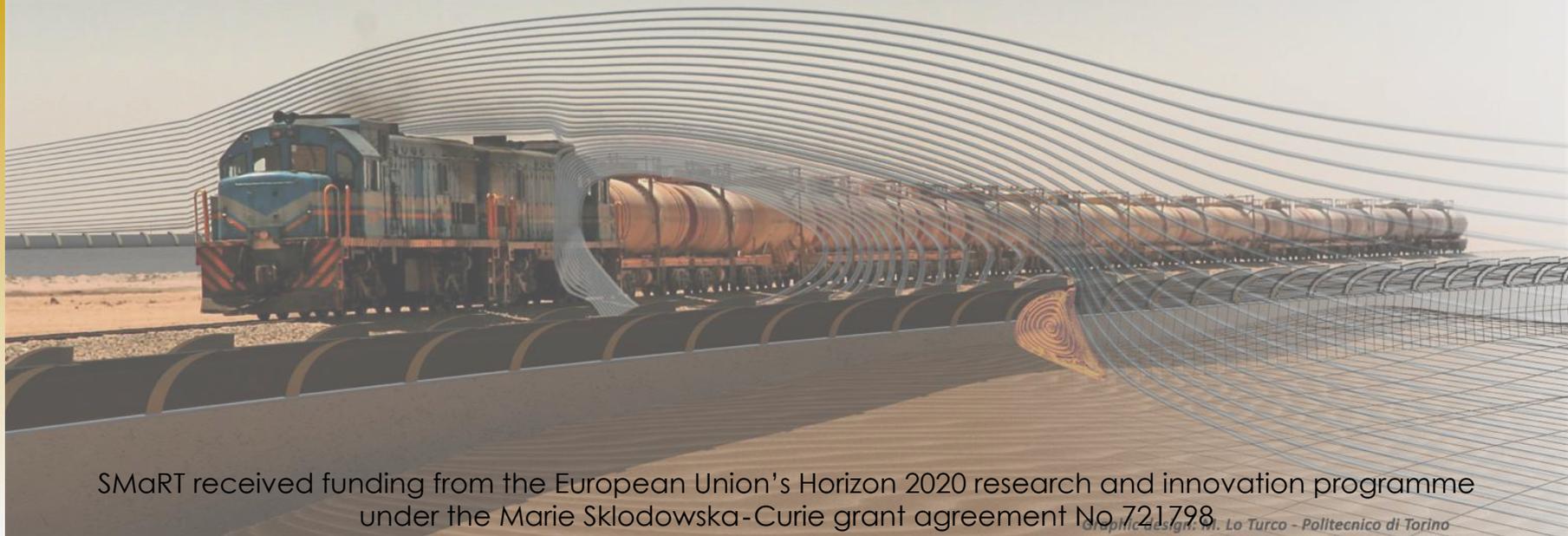




# Sand Mitigation around Railway Tracks: the SMaRT vision



Luca Bruno, Scientific Coordinator



SMaRT received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 721798