

<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Monday 13th June</p>	<p>10:00</p>	<p><u>Topic of the day:</u> Urban Rail Transit and Light Rail</p> <p>Morning: Welcome by Dr Marin Marinov Talks under the supervision of Dr Anna Fraszczyk and Dr Marin Marinov:</p> <ul style="list-style-type: none"> • Martin Mak, Stage 3 student, Newcastle University <i>A study of Tyne and Wear Metro delays using event-based simulations</i> • Jonathan Powell, PhD student & Stage 3 students, Newcastle University <i>Potential benefits and obstacles of implementing driverless train operation on Tyne and Wear Metro: a simulation exercise</i>
	<p>13:00 15:00</p>	<p>Lunch @ the Courtyard Afternoon:</p> <ul style="list-style-type: none"> • Dr Siradol Siridhara, Dr Waessara Weerawat, Dr Witcha Poomsiripaakdee, Dr Suppanut Panchatana, Mahidol University, Thailand <i>Passenger Speed-Flow-Density Relationship in Metro Transit Station</i> • Dr Phumin Kirawanich, Mahidol University, Thailand <i>Managing EMC in Bangkok Mass Rapid Transit-Purple Line Project</i>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Tuesday 14th June</p>	<p>10:00</p>	<p><u>Topic of the day:</u> Rail Operations, Management and Economics</p> <p>Morning:</p> <ul style="list-style-type: none"> • Dr Borina Abramovic, University of Zagreb, Croatia <i>Infrastructure Charges Fees System</i> • Dr Martin Lehnert, Technische Universität Dresden, Germany <i>Traffic management (operational view) on different influence levels in rail</i> • Dr Bernhard Rueger, Vienna University of Technology, Research Center of Railway Engineering & netwiss OG <i>The interior space of railway carriages - balancing act between sense and operating efficiency</i> <p>Lunch @ the Courtyard Afternoon:</p>
	<p>13:00 15:00</p>	<ul style="list-style-type: none"> • Dr Bernhard Rueger, Vienna University of Technology, Research Center of Railway Engineering & netwiss OG <i>BaggageLess – Customers’ needs regarding Baggage logistic systems</i> • Dr Borina Abramovic, University of Zagreb, Croatia and Dr Anna Dolinayova, University of Zilina, Slovakia <i>Optimisation of processes and services in the rail transport market business from two points of view: Economic efficiency and Management</i>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Wednesday 15th June</p>	<p>10:00</p>	<p><u>Topic of the day:</u> ITS, Telematics and Rail</p> <p>Morning:</p> <ul style="list-style-type: none"> • Dr Martin Lehnert, Technische Universität Dresden, Germany <i>Energy efficient driving and driver advisory systems</i> • Dr Florin Nemtanu, Politehnica University of Bucharest, Romania <i>ITS for Rail</i> <p>Dr Martin Lehnert, Technische Universität Dresden, Germany <i>Importance of data, data structures etc. in rail</i></p> <ul style="list-style-type: none"> • Dr Paul Hyde, Newcastle University, UK <i>Satellite and communication systems for real time tracking of railway assets</i>
<p>13:00 15:00</p>	<p>Lunch @ the Courtyard Afternoon:</p> <ul style="list-style-type: none"> • Dr Florin Nemtanu, Politehnica University of Bucharest, Romania <i>New technologies for smart mobility</i> • Dr Ramy Shaltout, Dr Cristian Ulianov, Newcastle University, UK <i>Integrated systems for real time monitoring of rail vehicles</i> 	

Thursday 16 th June	10:00	<p><u>Topic of the day:</u> Rail Safety, Systems and Environment</p> <p>Morning:</p> <ul style="list-style-type: none"> • Mr Giuseppe Pace, Ghent University Belgium <i>Safety in Rail-Sea interfaces</i> • Prof Stefano Ricci, La Sapienza University of Rome, Italy <ul style="list-style-type: none"> – <i>Energy saving methods in trains driving and timetabling</i> – <i>Assessment of operational performances of rail freight terminals</i> • Prof John Roberts, Kasetsart University, Thailand <ul style="list-style-type: none"> – <i>Interior Passive Safety as a review of UK requirements in GMRT 2100 issue 4</i> – <i>The UNIFE paper outlining the voluntary requirements defined for a CEN standard</i>
	13:00 15:00	<p>Lunch @ the Courtyard</p> <p>Afternoon:</p> <p>MSc students' presentations:</p> <ul style="list-style-type: none"> • Jonathan Martin Toal • Zhenmin Zhu • Feng Zhou • Edward Mann • Daulat Kunadilov • Yue Geng • Yan Gao • Zitian Yang • Tengyu (Jack) Qiao
Friday 17 th June	10:00	<p><u>Topic of the day:</u> Innovation in Rail</p> <p>Morning:</p> <ul style="list-style-type: none"> • Prof Aleksander Sladkowski, Silesian University of Technology, Poland <i>Using of FEM for the analysis of new designs of rail fastenings</i> • Philip Mortimer, TruckTrain Developments Ltd., UK <i>Innovation in rail freight (or how to stop rail freight hitting the buffers)</i> • Dr Cristian Ulianov, Newcastle University, UK <i>Innovation strategy towards implementation and exploitation in rail sector</i> • Dr Joern Schlingensiepen, Technische Hochschule Ingolstadt, Germany <i>Final results of the public transport project with a focus on rail</i>
	13:00 15:00	<p>Talks under the supervision of Dr Marin Marinov:</p> <ul style="list-style-type: none"> • Raphael Kling David, PhD student <p>Lunch @ the Courtyard</p> <p>Afternoon:</p> <ul style="list-style-type: none"> • RailExchange project meeting (Newcastle University & Mahidol University)

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Updated: 09/06/2016