

Monday 13 <sup>th</sup> June	<p>10:00</p> <p>13:00</p> <p>15:00</p>	<p><u>Topic of the day:</u> Urban Rail Transit and Light Rail</p> <p><b>Morning:</b> Welcome by Dr Marin Marinov Talks under the supervision of Dr Anna Fraszczyk and Dr Marin Marinov:</p> <ul style="list-style-type: none"> <li>• Martin Mak, Stage 3 student, Newcastle University</li> <li>• Jonathan Powell, PhD student &amp; Stage 3 students, Newcastle University</li> </ul> <p><b>Lunch @ the Courtyard</b></p> <p><b>Afternoon:</b></p> <ul style="list-style-type: none"> <li>• Dr Waersara Weerawat, Mahidol University, Thailand</li> <li>• Dr Siradol Siridhara, Mahidol University, Thailand</li> <li>• Dr Phumin Kirawanich, Mahidol University, Thailand</li> </ul>
Tuesday 14 <sup>th</sup> June	<p>10:00</p> <p>13:00</p> <p>15:00</p>	<p><u>Topic of the day:</u> Rail Operations, Management and Economics</p> <p><b>Morning:</b></p> <ul style="list-style-type: none"> <li>• Dr Borna Abramovic, University of Zagreb, Croatia <i>Infrastructure Charges Fees System</i></li> <li>• Dr Martin Lehnert, Technische Universität Dresden, Germany <i>Traffic management (operational view) on different influence levels in rail</i></li> <li>• Dr Bernhard Rueger, Vienna University of Technology, Research Center of Railway Engineering &amp; netwiss OG <i>The interior space of railway carriages - balancing act between sense and operating efficiency</i></li> </ul> <p><b>Lunch @ the Courtyard</b></p> <p><b>Afternoon:</b></p> <ul style="list-style-type: none"> <li>• Dr Bernhard Rueger, Vienna University of Technology, Research Center of Railway Engineering &amp; netwiss OG <i>BaggageLess – Customers’ needs regarding Baggage logistic systems</i></li> <li>• Dr Borna 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></li> </ul>
Wednesday 15 <sup>th</sup> June	<p>10:00</p> <p>13:00</p> <p>15:00</p>	<p><u>Topic of the day:</u> ITS, Telematics and Rail</p> <p><b>Morning:</b></p> <ul style="list-style-type: none"> <li>• Dr Martin Lehnert, Technische Universität Dresden, Germany <i>Energy efficient driving and driver advisory systems</i></li> <li>• Dr Florin Nemtanu, Politehnica University of Bucharest, Romania <i>ITS for Rail</i></li> <li>• Dr Martin Lehnert, Technische Universität Dresden, Germany <i>Importance of data, data structures etc. in rail</i></li> <li>• Dr Ramy Shaltout, Dr Cristian Ulianov, Dr Paul Hyde, Newcastle University, UK <i>Satellite and communication systems for real time tracking of railway assets</i></li> </ul> <p><b>Lunch @ the Courtyard</b></p> <p><b>Afternoon:</b></p> <ul style="list-style-type: none"> <li>• Dr Florin Nemtanu, Politehnica University of Bucharest, Romania <i>New technologies for smart mobility</i></li> <li>• Dr Ramy Shaltout, Dr Cristian Ulianov, Dr Paul Hyde, Newcastle University, UK <i>Integrated systems for real time monitoring of rail vehicles</i></li> </ul>

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

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