The SecureMetro project was Highly Commended for the Most Significant Safety Initiative Award at the Global Light Rail Awards held in London recently. Sponsored by Mott McDonald and hosted by Tramways and Urban Transport Magazine, the awards are now in their 8th year and we are very proud that NewRail’s work on the SecureMetro project has been recognised in this way.

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http://mainspring.co.uk/events.html#glra

Reducing the impact of a terrorist attack


November 2013
WCRR
The World Congress on Railway Research took place in Sydney, Australia in November. NewRail researchers gave a total of six presentations on the first day.

The following papers were presented:

- Conceptualisation of an innovative rail freight vehicle for transporting LDHV cargo in an EU context by Ross Jackson
- Investigation and guidelines on use of monitoring technologies for preventing and reducing the occurrence of freight train derailments, by Dr. Cristian Ulianov
- Addressing the conflicting stakeholder requirements for energy efficiency, by Paul Batty
- Metro vehicle blast testing: mitigating the effects of terrorist attacks on metro vehicles by Conor O’Neill
- Triple rail freight demand by 2050 in Eu27 – realistic, optimistic or farfetched imagination? by Ross Jackson
- Holistic overview of freight train derailments in Europe: causal and impact analysis by Dr. Cristian Ulianov

More information at: [www.wcrr2013.org](http://www.wcrr2013.org)

Brazil Day
Dr. Marin Marinov took part in a day of events aimed at raising awareness of the University's Brazil Strategy

The programme was divided into four themes: Higher Education in Brazil; Undertaking Research in Brazil; Engaging with Brazilian Business and Society; and Newcastle through Brazilian Eyes. Marin gave a talk to a large group of colleagues about NewRail’s research activities in Brazil. [marin.marinov@ncl.ac.uk](mailto:marin.marinov@ncl.ac.uk)

46th Annual UTSG Conference
The Universities' Transport Study Group will be holding its 46th Annual Conference at Newcastle University in January. NewRail’s Jonathan Powell will be presenting his paper: “A comparison of railway driving profiles”. More information from [http://www.utsg.net/web/](http://www.utsg.net/web/)

Capacity4Rail
The Capacity4Rail project kicked off in October. Led by Dr. Dewan Islam of NewRail’s Freight and Logistics Group, the project looks at the question of how to obtain an affordable, adaptable, automated, resilient and high-capacity railway for 2020, 2030 and 2050. More information from [dewan.islam@ncl.ac.uk](mailto:dewan.islam@ncl.ac.uk)

PhD award
Gordana Vasic Franklin was awarded her PhD in the summer congregation ceremonies. Her thesis is entitled “Modelling of wear and crack initiation in rails”. Many congratulations!

New PhD Student
A warm welcome to Sheila Wan Jusoh who has joined Prof Geoff Gibson’s research team to work for a PhD in Fire Retardant Composites.