Midland Region IMechE
Staffordshire Area
Joint with Burton Engineering Society

The IMechE Railway Challenge - Alstom/ University of Derby Entry

by Yiling Lu (University of Derby Senior Lecturer & Railway Challenge Academic Lead)

James Blythe (University of Derby Engineering Student & Railway Challenge Team Member)

Cameron Laight (Alstom Product Engineer & Railway Challenge Technical Lead)

Will Taylor (Alstom Cybersecurity Engineer & Railway Challenge Team Lead)

The Railway Challenge, now in its eleventh successive year, brings together teams of university students, as well as apprentices and graduates working in industry across the world, to test their design ability, technical skills and business knowledge to design, build and test a 10¼" gauge locomotive to fulfil the requirements of the Challenge.

The presentation will describe the Challenge project, how the project was managed and areas of particular interest. Details of the mechanical and electrical engineering aspects of the loco will be covered with an in-depth look into areas of particular interest.

Insight will be provided into the benefits of the Railway Challenge and areas that were particularly challenging for students/ graduates involved.

The locomotive will be available to view.

Please join us for this fascinating technical presentation.

Institution of MECHANICAL ENGINEERS

Burton upon Trent & District Engineering Society

Thursday 17th November 19.30

Burton and South Derbyshire College,
Burton upon Trent DE14 3RL

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