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# Mr Stephen Kent MSc CEng MIMechE

Teaching Fellow

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## About

Stephen Kent is a Teaching Fellow in the Birmingham Centre for Railway Research and Education (BCRRE).

Stephen has 16 years experience in the UK railway industry, having worked in consultancy / research and development in areas including wheel / rail adhesion, vehicle dynamics and track maintenance technology.

He provides wide ranging support to the activities of the BCRRE, a primarily relating to the MSc in Railway Systems Engineering and Integration MSc course.

## Qualifications

- MSc in Railway Systems Engineering, University of Sheffield, 1998
- BEng (Honours) in Mechanical Engineering, Heriot-Watt University, 1993
- Chartered Member of the IMechE

## Biography

Stephen qualified with First Class Honours in Mechanical Engineering from Heriot-Watt University in 1993. He then joined British Rail Research, initially working for the Track and Civil Engineering Department. During this time, he started his MSc in Railway Systems Engineering on a part time basis at Sheffield University. He then spent several years as a key member of the Braking and Adhesion Team.

During this time, the company changed to become AEA Technology Rail where Stephen became a member of the Vehicle Dynamics Team. After a number of years working in this area, the company changed again to become DeltaRail, where he took on the role of Strategic Bid Manager.

Stephen joined the BCRRE team at the University of Birmingham in 2010 as a Teaching Fellow.

## Teaching

**Teaching Programmes**

- MSc in Railway Systems Engineering and Integration

## Publications

Kent S. (1998). Air Consumption on Multiple Unit Rolling Stock in the UK. MSc Dissertation, University of Sheffield.

Kent S. (1999). Wheel Slide Protection Evaluation Rig (WSPER) – A Quiet Revolution. Technical Paper presented to the IMechE Railway Division.

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