

People associated with the centre

[Professor Chris Baker](#)

[\(/staff/profiles/civil/baker-chris.aspx\)](#) Aerodynamics of trains, climate effects on the railway, pollution dispersal.

[Professor Clive Roberts](#) [\(/staff/profiles/eese/roberts-clive.aspx\)](#)

Condition monitoring, asset management, systems engineering.

[Professor Christopher Rogers](#) [\(/staff/profiles/civil/rogers-christopher.aspx\)](#)

Deep stabilisation of track and embankments, trenchless technology.

[Professor Felix Schmid](#) [\(/staff/profiles/civil/schmid-felix.aspx\)](#)

Railway systems engineering and systems integration.

[Dr Min An](#) [\(/staff/profiles/civil/an-min.aspx\)](#)

Safety risk and reliability assessment, modelling and tools, safety case.

[Dr Michael Burrow](#) [\(/staff/profiles/civil/burrow-michael.aspx\)](#)

Maintenance management, asset management and geotechnical engineering.

[Dr David Chapman](#) [\(/staff/profiles/civil/chapman-david.aspx\)](#)

Monitoring of railway tunnels, high speed trains on soft ground.

[Dr Haralampos Evdorides](#) [\(/staff/profiles/civil/evdorides-harry.aspx\)](#)

Asset management systems, infrastructure performance modelling.

[Dr Gurmel Ghataora](#) [\(/staff/profiles/civil/ghataora-gurmel.aspx\)](#)

Stabilisation of track, geotechnical engineering.

[Dr Colin Goodman](#) [\(/staff/profiles/eese/goodman-colin.aspx\)](#)

Multi-train simulators, traction drives, signalling design, EMC, condition monitoring, high level traffic management.

[Dr Hassan Hemida](#) [\(/staff/profiles/civil/hemida-hassan.aspx\)](#)

Computational fluid dynamics and finite element analysis.

[Dr Stuart Hillmansen](#) [\(/staff/profiles/eese/hillmansen-stuart.aspx\)](#)

Vehicle simulators, hybrid traction systems.

[Dr. Nilanjan Mukherjee](#) [\(/staff/profiles/eese/mukherjee-nilanjan.aspx\)](#)

Power electronic converter design and control for energy storage integration in transport and grid application.

[Dr Andrew Quinn](#) [\(/staff/profiles/civil/quinn-andrew.aspx\)](#)

Aerodynamics of trains, climate effects on the railway.

[Dr Mark Sterling](#) [\(/staff/profiles/civil/sterling-mark.aspx\)](#)

Aerodynamics of trains.

[Dr Pietro Tricoli](#) [\(/staff/profiles/eese/tricoli-pietro.aspx\)](#)

Power converters for traction applications, energy storage devices, AC electrical drives

[Dr Andrew Tobias](#) [\(/staff/profiles/mechanical/tobias-andrew.aspx\)](#)

Network capacity, simulation, timetabling, systems engineering.

Dr Charles Watson

Teaching fellow

[Dr Sakdirat Kaewunruen](#) [\(/staff/profiles/civil/kaewunruen-sakdirat.aspx\)](#)

Structural engineering, permanent way engineering, train-track interaction, systems & reliability engineering, finite element modelling, safety and risk, urbanisation.