

Institution of Railway Signal Engineers **An Introduction**

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Introduction



The Institution of Railway Signal Engineers is

- the principal forum for the exchange of information on all aspects of railway signalling and telecommunications at all levels
- an international organisation
 having more than 4 000 members in over fifty
 countries world-wide

and it

 Complements the larger institutions such as IMechE and IET by providing specific services focused on the signalling and telecoms profession



So – what can the IRSE do for you?

It **keeps you up-to-date** with technical advances through the presentation of:

- topical papers
- technical publications
- IRSE NEWS magazine
- seminars
- conferences





So – what can the IRSE do for you?

It helps you **meet other professionals** through:

- local meetings
- technical visits
- international conventions
- seminars
- conferences





So – what can the IRSE do for you?

It promotes your career development by means of

- the licensing scheme
- recognised professional accreditation
- a range of learning opportunities at discounted rates

It encourages achievement through:

- examination
- awards





Events at local and national level

Held regularly

- in London and

- other centres around the UK

- around the world

Keeping members informed of the latest ideas and developments

this keeps you up-to-date

 promotes your own personal development

enhances your career opportunities





UK Regional and Worldwide Centres

There are five local centres in the UK where additional

activities are organised

Western **Plymouth** Midland & North Western Scottish York

Local sections around the world hold technical meetings & seminars

Australasia The Netherlands Hong Kong India Singapore Southern Africa North America

There is also a very active

Younger Members Section



Younger Members

'Younger Members'

Specific activities are organised for those who are undergoing training or recently qualified in the profession

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Publications

Textbooks and CDs cover a wide range of modern signalling technology, and other areas are dealt with in booklets and technical briefs

- Introduction to Railway Signalling
- Railway Signalling
- Railway Control Systems
- European Railway Signalling
- Metro Signalling
- Railway Telecommunications
- Introduction to North American Signaling

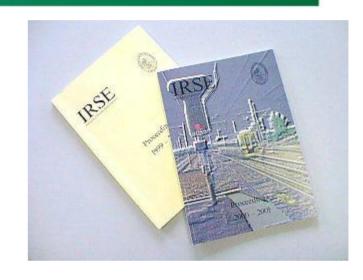




Publications

The Proceedings are the Year Book of the Institution containing the technical papers presented in London and a record of other activities





The Institution publishes IRSE NEWS on a regular basis

This contains technical articles and informs members of the latest news of people and events within the profession



Licensing Scheme

On behalf of the rail industry, the IRSE operates a scheme for the licensing of competent signal engineers





There is a membership class of 'Accredited Technician' specifically for those holding IRSE licences or equivalent, but who would not otherwise be qualified to join



Annual Convention

The Annual Convention provides a special opportunity for in-depth study, linked with visits to working installations, so that ideas can be explained and then seen in practice.

Venues are worldwide





International Conferences



Seminars and International conferences are held, with a variety of presentations covering the latest developments and experience from around the world

These further promote the global nature of the Institution



ENGINEERS

Technical visits to installations in the UK and other countries provide further opportunities to see modern techniques in practice, embracing main line railways, metros and light rapid transit systems

Other sections around the world also arrange visits to installations of local interest

Technical Visits





Networking

All events, organised at both national and local level, offer the opportunity to establish professional contacts and to discuss issues on neutral ground

Most are of a **technical nature**, some are purely **social**, with occasional family outings to include partners and families



So what can YOU do for the IRSE?

Make your experience available to others

- join in the discussions
- share your knowledge
- voice your concerns

We need people who care about the job they are doing and want to promote not just their own professional development, but the development of their profession



Membership

Voting Members:

Fellow, Member, Associate Member

(FIRSE MIRSE AMIRSE)

- -professional S&T engineers
- -with appropriate academic qualifications or extensive relevant experience

Non-Voting Members:

Accredited Technician

-Licence holders

The class of Accredited Technician is specifically for those holding IRSE licences (above 'Assistant' level) or equivalent

Associate

-engaged in, or interested in the profession

Student

-undergoing a formal training programme or full time further education



Engineering Council UK Registration

The IRSE is a nominated body of the Engineering Council UK

Suitably qualified members may apply for registration through the IRSE:

Chartered Engineer – CEng Incorporated Engineer – IEng Engineering Technician – EngTech



Further details and help

Local recruitment representatives
Section Secretaries
IRSE posters
Institution's London Office
Web-site





The Institution of Reliway Signel Engineers, known more usually as the 1858, is an international organisation, active throughout the world. It is the professional institution for all those engaged or internated in railway signalling and telecommunications and allied disciplines.



About
Learn about the IRSE and the benefits of membership
About | Headquarters | Officials | Ubrary |

About | Headquarters | Officials | Obser Publications & goods | International Technical Committee



Latest news and information from in and around the IRSE



Categories of membership and how to join the IRSE

Membership | Grades | Subscription rates | Application form



IRSE near you
Read about IRSE activities in your area and
for younger members
IRSE near you | Australistia | Hong Kong |

North America | Singapore | Southern Africa | UK | Younger Nembers



armers

Are you considering a career as a railway signal or telecommunications engineer? Or



The next technical meeting in London will be "System anginearing and acceptance" by Andy Doherty, Network Rail, on 14 November 2007 at 1800 at 1 Birdcage Walk.

The Younger Nembers full day seminar "Developing Britain's railway for new bedinning user - a step nearer the future" will be held at Austra Court, Birmingham on 29 Nevember 2007. Details here.

There is a 1ET seminar, Safety Assurance 2007 on 7-8 November 2007, in London, Details here.

There is an IRSE seminar entitled ERTMS/ETCS in the UK on Tuesday 20 November in London.Details have



Contacts and Further Reading

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