



Institution of Railway Signal Engineers

An Introduction



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’

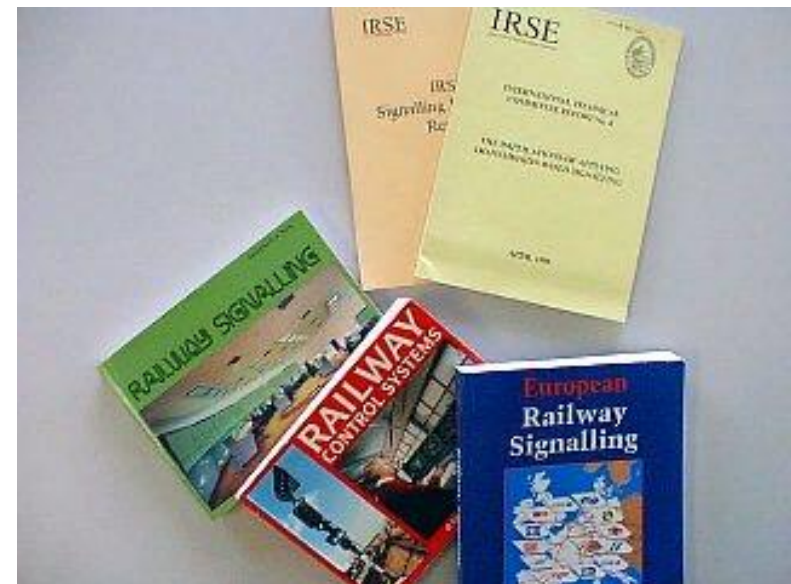
Specific activities are organised for those who are undergoing training or recently qualified in the profession



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



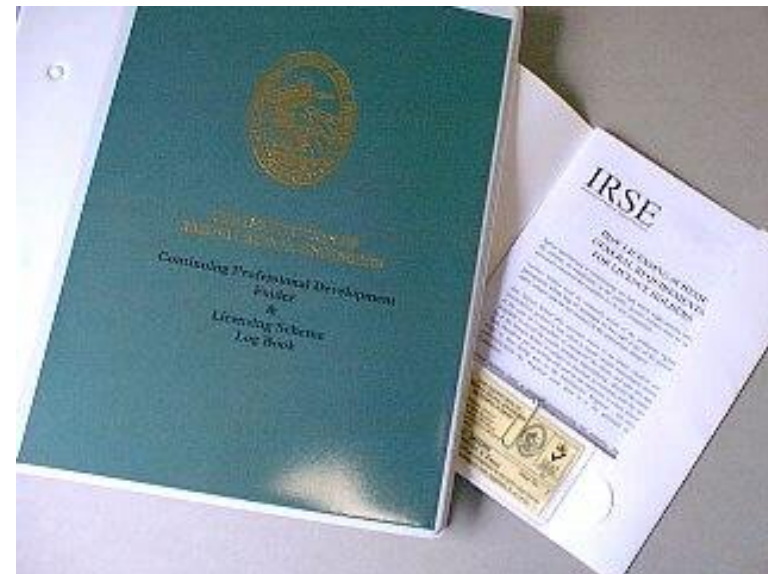
The Institution publishes
IRSE NEWS on a regular basis

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**



Technical Visits

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





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





Contacts and Further Reading

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