



The Institution of
Engineering and Technology

Develop your digital future

with help from the IET

theiet.org/digital

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Here to help you develop your career

The past decade has seen rapid engineering development and adoption of technologies that change the way we live, work and play in our day-to-day life. Engineering and connected technologies are expected to remain among the world's largest and fastest-growing industries, with the demand for engineering professionals continuing to grow accordingly.

Digital technology has the potential to enhance economies, societies, and the environment. The speed, breadth, and depth of change will force us to rethink how countries should develop, how organisations create value, and even what it means to be human.

As a professional engineering institution and a registered charity, we're working to engineer a better world, inspiring, informing and influencing the global engineering community and supporting technology innovation to meet the needs of society.

We have 169,000 engineer and technician members in over 150 countries, with headquarters in London and offices in Bangalore, Beijing, Hertfordshire, Hong Kong and New Jersey.

We promote the increasingly diverse, innovative and multidisciplinary nature of modern-day engineering to secure solutions to the world's greatest challenges. Our work celebrates and supports engineering across key areas, from design and manufacturing, energy, healthcare, and digitalisation to transport and the built environment.

By joining a multi-disciplinary, professional engineering institution such as the IET, you can keep up to date with industry developments, learn skills that are in demand and build your reputation in this dynamic and complex sector.



Stay up to date with the latest engineering news

E&T is the IET's award-winning monthly magazine and associated website for professional engineers. It covers all areas of engineering and technology, with analysis, news, innovation announcements and job advertisements.

It's available in print, online and via mobile devices. You can also keep up with the latest developments with our daily email newsletter, whitepapers and webinars.

To find out more visit

eandtmagazine.com

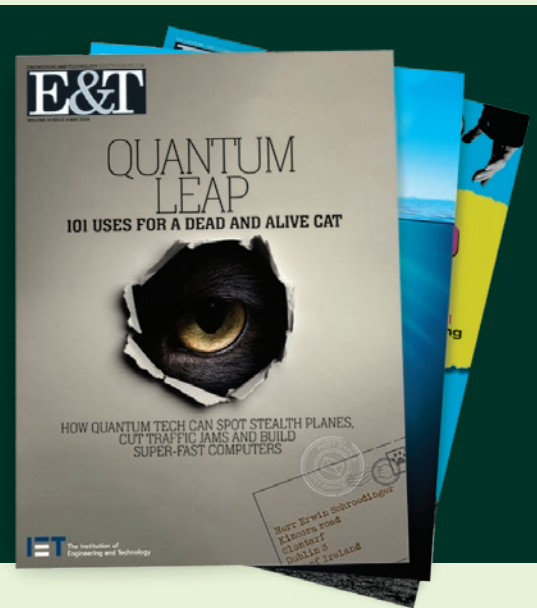
**Want to advertise
to our audience
of up to 169,000
members?**

Get in touch

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E: lhall@theiet.org

eandtmagazine.com



Join us, join in

As Europe's largest membership organisation for engineers and technicians, membership of the IET means a Professional Home for Life®. With us you'll find all the tools you need to develop, discover and succeed.

Put simply, the IET is where you belong.

Become a member today and have access to:

- Internationally recognised professional qualifications: **CEng, IEng, EngTech and ICTTech.**
- **Professional services** and support throughout your career.
- Over 100 **local communities** and **technical networks** worldwide.
- Over 1,700 **events** and **networking** opportunities per year.
- **Extensive library** containing digital and printed engineering and technology resources.
- Access to a range of unrivalled **knowledge services.**
- Online tools to **log your development** and **record your skills** and **achievements.**

Join the IET today:
theiet.org/join

Email us at: join@theiet.org

Phone us on: +44 (0)1438 767648

or Text: 'IET Join' and your name to 07860 002793*

*free text line, no charges apply



Build up your knowledge and skills

Get the training and information you need to succeed in your current role, and progress to new ones.

Digital Library

Access cutting-edge research from IET Books and Journals.

Advance and share your knowledge as a practitioner, researcher or student using the latest research from our trusted books and journals collection.

Find out more

ietdl.org

IET.tv

Watch engaging and inspiring content from leading academics and influencers.

IET.tv's video content is sourced globally, with over 9,000 videos of top quality multimedia.

Find out more

theiet.org/tv

E-learning

Bring your skills up to date with courses from the IET Academy covering a broad range of technical and professional topics.

All courses are written by leading academics and industry organisations and are available as bite-size modules or full courses.

Find out more

theiet.org/academy

Courses and training

Whether you want to hone your leadership skills, understand finances for clear decision-making or master project management – our professional skills training courses can help.

We have a range of courses that can be delivered in-company or through public courses, webinars and e-classes.

Find out more

theiet.org/pd-courses

Wiring Regulations

Ensure you're compliant with the latest *IET Wiring Regulations (BS 7671)*.

Order your copy of BS 7671:2018 and our practical guidance publications and find a wealth of resources to get you up to speed with the latest requirements. You can find training solutions, events, digital subscriptions and our free online *Wiring Matters* magazine direct from the experts at the IET.

Find out more

theiet.org/18th-resources-pr

Standards

Ensure you're following best practice by referring to our expert Standards publications.

Our range includes Guides and Codes of Practice that provide guidance on emerging and established technologies.

Find out more

theiet.org/standards

Continuing Professional Development

Investing time in your Continuing Professional Development (CPD) will help you gain the relevant competencies, the recognised knowledge, skills and attributes you need to deliver results throughout your career.

Keep a record of your CPD and plan future activities using the IET's simple online tool – Career Manager.

Find out more

theiet.org/cpd

== Take part in inspirational events

If you want insight and debate from top speakers on the engineering and technology topics that are affecting your role – then take a look at our latest events. They include seminars, conferences, technical visits and more.

IET events are a great opportunity to meet, network and debate with fellow engineers and practitioners and provide CPD hours which you can record on IET Career Manager.

For those presenting at major events, conference papers are automatically submitted for indexing on IET Inspec, IEEE Xplore and Ei Compendex.

Many of our events are live-streamed or available on-demand on IET.tv.

Find out more

theiet.org/events



Publish your paper

Do you have new and high-impact research to present?

Electronics Letters is an internationally renowned, peer-reviewed rapid communication journal. It's published every two weeks and incorporates short original research papers. You can expect each issue to cover the latest developments in all electronic and electrical engineering related fields.

Major themes

- Biomedical electronics, imaging and measurement
- Nanotechnology, microsystems, semiconductor technology
- Analogue, digital and power electronics
- Satellite communication, multimedia communication, and telecommunication
- High-speed optical communication systems and devices
- Optical fibres, materials, devices and technology
- Image, speech and signal processing
- Microwave and millimetre wave technology; radar and sonar systems

Please email: elletters@theiet.org for more information..

www.ietdl.org/EL



Inspec Analytics for digital

Understand your place in the digital research landscape and make strategic decisions about the direction of your projects with Inspec Analytics, a dynamic new tool based on the IET's renowned Inspec database.



Find out more

theiet.org/inspec

inspec-analytics.theiet.org

Support your R&D planning

- Monitor the digital research output of your organisation and see how this ranks globally.
- Compare your organisation with collaborators and competitors to set valuable benchmarks.
- Monitor global trends for hundreds of research topics to explore new fields and identify resources.
- Find collaboration opportunities with universities, government and health organisations to demonstrate impact.

For digital technologies researchers

- Stay-up-to date with the latest global trends in digital technologies.
- Discover new topics related to your field and the resources you need to get up to speed.
- Identify the best journals to publish your research and conferences to present at.

Inspec covers a wide range of digital topics including telecommunications, systems and control, computer software and hardware, instrumentation, cryptography, AI, electronics and many more.

Celebrate talent in digital

Help us celebrate the future of the engineering and technology profession by promoting our prizes to your network and help us reward excellence by nominating talented engineers for our awards.

We recognise talent through a wide range of awards and prizes, including our Achievement Medals, Apprentice and Technician of the Year Awards, Young Woman Engineer of the Year Awards, and a variety of scholarships, bursaries and research awards.

Find out more
theiet.org/awards



“

Taking up an IET Engineering Horizons Bursary is amazing and has allowed me to expand my networks, become a member and attend tech events. The degree apprenticeship gives me a chance to learn, earn and get a lot of experience

”

Dilani Selva
BBC apprentice

A number of bursaries worth up to £4,000 are available to apprentices and undergraduate students.

To find out more visit
theiet.org/horizons

== Achieve professional recognition

Becoming professionally registered proves to employers, customers and peers that you've met standards of knowledge, understanding and competence. You'll be recognised for your skills and achievements and will earn the right to use letters after your name.

We are licensed to award:

- Chartered Engineer (CEng)
- Chartered Manager (CMgr)
- Chartered IT Professional (CITP)
- Incorporated Engineer (IEng)
- Engineering Technician (EngTech)
- Electrician Technician (EngTech)
- Information & Communications Technology Technician (ICTTech).

Find out more

theiet.org/profreg

Get involved in an IET community

Our communities bring industry and academia together, giving engineers around the world a platform to network, learn and collaborate.

They are open to IET members and non-members, enabling engineers and technicians to network, share and develop knowledge online or face to face.

We bring engineers together by region, technical interest or career stage, so you're sure to find one that suits you.

If you're passionate about shaping the future of engineering, then why not get involved? There are many opportunities available, from attending committee meetings to bringing new ideas to the table, through to the organising, running and promoting of events.

- make new connections and expand your network
- learn new skills that will count towards your CPD
- contribute ideas for event topics
- gain a competitive edge when applying for jobs
- share your passion and inspire others

Visit our website and get involved!

theiet.org/communities

Digital networks

You can join any technical or geographical network which you feel is relevant to your career and interests. Here is the list of networks within digital.

These are:

- Antennas and Propagation
- Electromagnetics
- Internet of Things
- Media
- RF and Microwave Technology
- Satellite systems and applications
- Vision and Imaging

■ Help shape digital policy

On behalf of the profession, we strive to inform and influence government on a variety of engineering and technological issues. We believe that professional guidance, especially in highly technological areas such as digital, is critical to good policy making.



Taking digital to the heart of government and industry, we have an expert panel which meet to discuss and develop digital policy and industry campaigns.

Our Digital Panel brings together digital leaders from industry and academia to respond to government reviews and select committee inquiries on behalf of the IET.

Find out more

theiet.org/digital

White papers

We regularly publish white papers, reports and insights that address some of the greatest engineering and technology challenges currently facing the digital sector, written and peer-reviewed by thought leaders from across the profession.

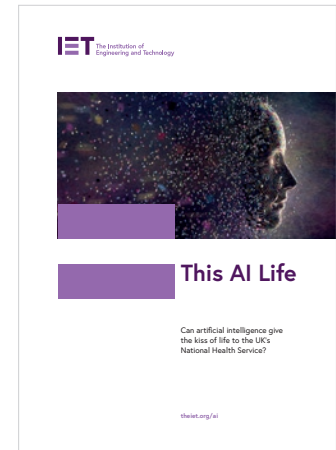
Some examples include our report on "Allaying health concerns regarding 5G and exposure to radio waves" which was written to give local planners a better understanding of what 5G is – and is not – as this affects both future coverage and concerns that have been expressed about exposure to radio waves.

In our 'This AI Life' paper, we examined the benefits that artificial intelligence (AI) technology could bring to the UK's National Health Service (NHS), but also the barriers that must be overcome in areas such as ethics, regulation and data handling.

Other written material published by IET Digital includes papers on 'Augmented Analytics', '5G for Policy Makers' with more being prepared for future release.

Visit our website and get involved!

theiet.org/impact-society/factfiles



We need volunteers!

There's a range of volunteering activities to choose from at the IET and the level to which you participate is entirely up to you!

You can:

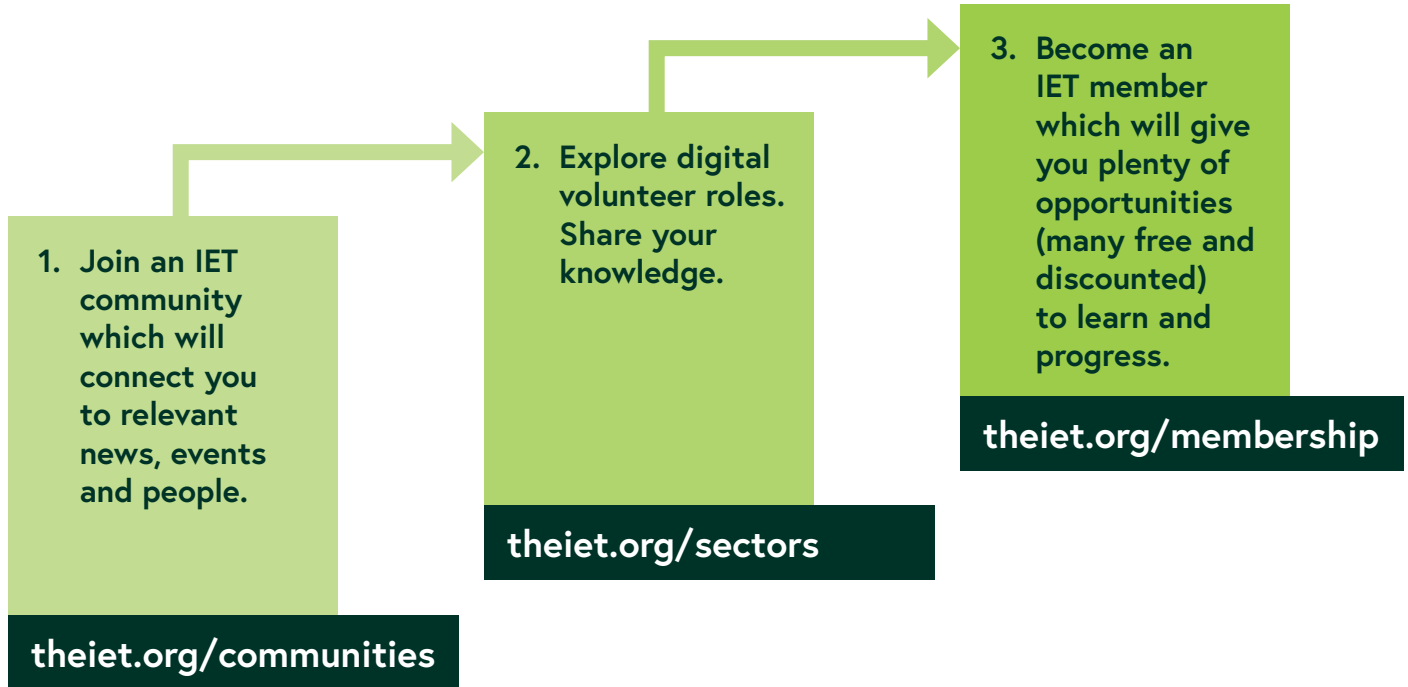
- become an assessor, mentor or Schools' Liaison Officer
- meet others who live and work in your area or who share your interests in the digital sector
- represent the IET on external bodies and organisations

Find out more

theiet.org/volunteers



Three easy ways you can learn more and progress... today!



== Highlighting engineering issues which affect society

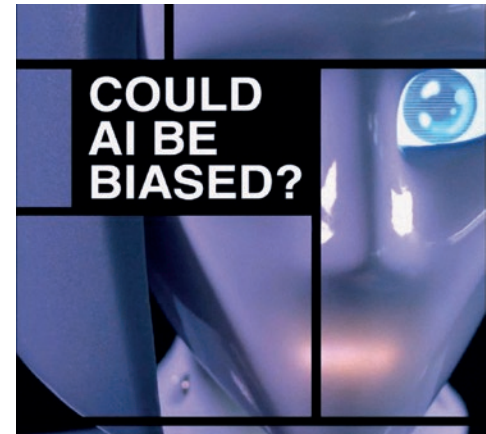
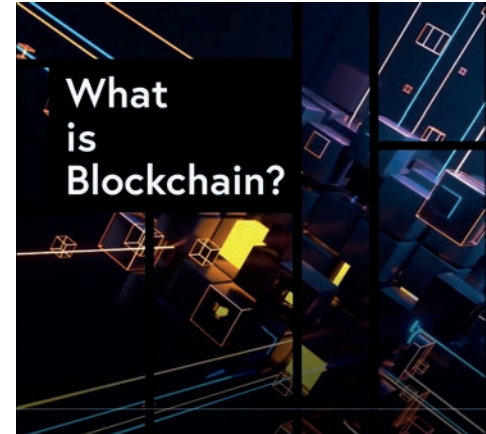
The IET is home to a rich collection of digital-related video resources, from bitesize summaries for social media to full conference recordings captured on camera.

Our ever-growing library of filmed content includes numerous 'Hot Topic' videos covering some of the biggest emerging themes, such as artificial intelligence, cyber security, big data and digitalisation.

To boost our public engagement, we have developed 'EngShorts', a series of 60-second videos which focus on key engineering issues affecting society. Their aim is to highlight the important role that engineering plays in addressing key challenges that affect us all.

Questions covered so far include 'Could AI be biased?' and 'what is blockchain?' to "Would you vote online?"

To view some of our latest digital videos, visit
theiet.org/impact-society/sectors/digital/videos/



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Reflecting the increasingly multidisciplinary nature of modern-day engineering, our work celebrates and supports engineering and innovation across key areas, from design and manufacturing, energy, healthcare, and digitalisation to transport and the built environment.

Passionate about digital technology? We're here to help you take the next steps in your career.

Find out more
theiet.org



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The Institution of Engineering and Technology (IET) is working to engineer a better world. We inspire, inform and influence the global engineering community, supporting technology innovation to meet the needs of society. The Institution of Engineering and Technology is registered as a Charity in England and Wales (No. 211014) and Scotland (No. SC038698). The Institution of Engineering and Technology, Michael Faraday House, Six Hills Way, Stevenage, SG1 2AY, United Kingdom.

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