

Presented by



Earthing Conference Including Surge & Lightning Protection

20th & 21st May 2026

United Kingdom

Speaker & Sponsorship Prospectus



IDC Technologies | Technical Conferences

IDC Technologies is internationally acknowledged as the premier provider of practical technology training and technical conferences. With offices in Australia, New Zealand, Singapore, the United Kingdom, Ireland, India, the USA, Canada, and South Africa, IDC Technologies has an enthusiastic team of professionals committed to providing the highest-quality training and events.

Conference Management

Over the past 30+ years, IDC Technologies has coordinated workshops and conferences around the globe. Each conference has a dedicated team of professional organisers committed to making that event successful. We aim to have the highest caliber of speakers who will present an interactive program with real-world examples, case studies, and solutions. We aim to provide conferences with niche topics, speakers, and content.

IDC Events specialises in technology training in the fields of:

- Education and Training
- Electrical Engineering
- Mechanical Engineering
- Chemical Engineering
- Industrial Data Communications and Networking
- Information Technology
- Electronic Engineering

Visit our website for upcoming event information: events.idc-online.com



Earthing, Surge & Lightning Protection Conference

OVERVIEW

This technical conference is designed for engineers, electricians, installers, and technicians working in earthing, surge, and lightning protection across the UK and Europe. It covers the full spectrum of earthing practice, from HV and LV design, modelling, and substations to compliance, fault management, data centers, and lightning protection, delivered by industry experts. Delegates will gain practical, actionable insights and peer-level learning to stay ahead of standards, technology, and real-world challenges.



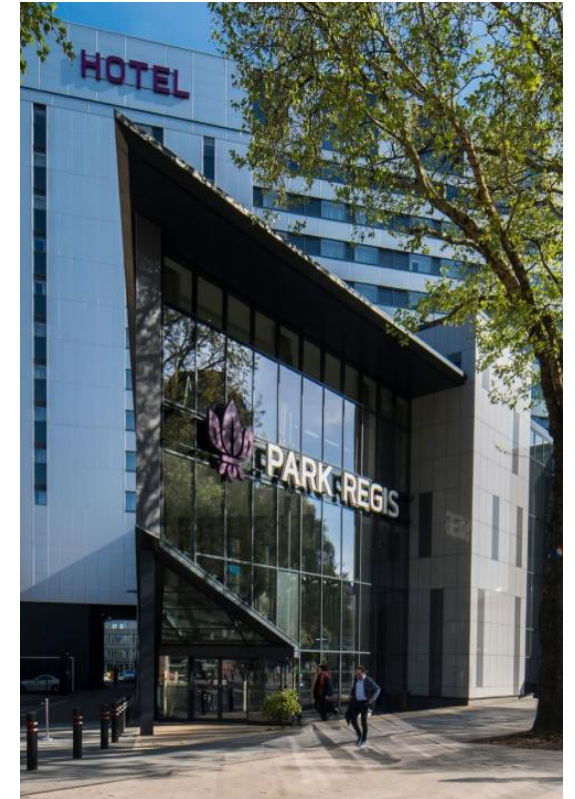
Conference Venue

Park Regis Birmingham

Experience a seamless conference experience in the heart of Birmingham at Park Regis, a stylish venue perfectly equipped for business events. Located on Broad Street, the hotel offers excellent access to Birmingham New Street and Five Ways stations, providing convenient transport links across the UK.

With modern conference facilities, flexible meeting spaces, and high-speed connectivity, Park Regis Birmingham ensures a productive and engaging environment. Delegates can also enjoy premium on-site accommodation, contemporary dining options, and a vibrant city-centre atmosphere that blends business with comfort.

A range of nearby accommodation options is available to suit all budgets, ensuring delegates have convenient places to stay close to the venue.



Topic Suggestions

Earthing

- Design and testing
- Earthing electrodes
- Measurement
- Neutral earthing
- Corrosion problems in earthing
- Earthing surge protection devices

Installations

- High voltage & low voltage
- Substations
- Augmentation of buried grids
- Geotechnical issues
- Hazardous areas
- Mining and oil & gas

Earthing, Comms & Instrumentation

- Protection of instrumentation
- Instrumentation, radio & telemetry transmitters
- Telephone networks
- IT & wireless networks
- Mobile radio networks
- System bonding

Lightning

- Protection design/Electrostatics
- Non-conventional lightning systems
- Side flash and preventive measures
- Down conductor installation and termination
- Grid design
- Bonding
- Surge impedance
- Probabilistic risk factors

Power Systems

- Electrical safety earthing
- Static earthing
- Solid, impedance, touch potentials
- Electric shock
- Earth leakage protection
- Design
- Protection

Bonding

- Sizing conductors
- Parasitic & stray currents
- Interference
- Hazardous areas
- Inspection procedures
- Equipotential grids

Testing

- Earth resistivity
- Earth loop impedance
- Grid resistance
- Earth continuity

Standards & Regulations

- Standards and best practice
- State and utility regulations
- The need for new standards
- Inspection and testing
- Load flow studies
- Fault load studies
- Equipment sizing
- Earth's potential rise

Ups Systems

- Power quality
- Standby sources
- Solid state systems
- Redundancy
- UPS configurations

Surge Protection

- Bonding practice
- Surge protection practice
- Positioning and selection of lightning/surge arrester

Electrical Noise & Mitigation

- Categories of noise
- Harmonics
- Frequency analysis
- Electrostatic/capacitive coupling

Topic Suggestions

Standards and Regulations

Gain insights into UK and European standards such as BS EN 62305, BS 7671, and IEC 60364.

Explore updates to international standards and compliance requirements.

Discover industry best practices in designing compliant earthing and lightning protection systems.

Earthing System Design

Understand design considerations for earthing systems across various environments.

Learn advanced soil resistivity testing and modelling techniques.

Surge Protection Technologies

Discover the principles and applications of surge protection devices (SPDs).

Learn to protect sensitive electronics and medical equipment in data centre control systems.

Renewable Energy and Distributed Generation

Address the unique challenges of earthing and lightning protection for renewable energy systems. Explore best practices for solar PV, wind farms, and battery energy storage systems.

Risk Assessment and Mitigation

Examine lightning risk assessment methodologies.

Learn mitigation strategies for critical facilities like hospitals, airports, and power plants. Discover emerging software tools for risk analysis and system design.

Testing and Monitoring

Explore ground resistance testing methods and advanced diagnostics. Discover continuous monitoring technologies for high-risk sites. Learn practical approaches to maintaining system reliability and safety.

Urban Development Challenges

Address earthing and lightning protection challenges in high-density urban environments.

Integrate LPS with smart city and IoT systems. Mitigate risks of electromagnetic interference in urban settings.

Case Studies and Incident Analysis

Investigate failures in earthing or protection systems and their root causes. Explore best practices in upgrading systems after incidents.

Training and Competency

Highlight the importance of ongoing professional development for engineers and technicians.

Discover available certifications and qualifications in the UK and Europe.

Participate in hands-on workshops and live demonstrations to enhance practical knowledge.

Sponsorship Packages

Platinum Sponsor & Coffee Cart (1 Available)	Gold Sponsorship (1 Available)	Silver Sponsorship (2 Available)	Networking Drinks (1 Available)
<ul style="list-style-type: none"> • Complimentary attendance for two delegates • Barista coffee cart sponsorship: the cart is situated next to your stand and displays your branding (coffee cup branding is an additional cost). • Signage/banners displayed inside and/or outside the conference room • Trade display stand (trestle table provided) • Logo featured on conference brochure & manual • Seat drop – gift/promotional material • Acknowledgement at opening and closing address • Promotional material emailed to delegates post-event <p>£ 3,500 (VAT Inclusive)</p>	<ul style="list-style-type: none"> • Complimentary attendance for 2 delegates • Signage/banners displayed inside and/or outside the conference room • Trade display stand (trestle table provided) • Logo featured on conference brochure & manual • Seat drop – gift/promotional material • Acknowledgement at opening and closing address • Promotional material emailed to delegates post-event <p>£ 2,900 (VAT Inclusive)</p>	<ul style="list-style-type: none"> • Complimentary attendance for 1 delegate • Signage/banners displayed inside and/or outside the conference room • Trade display stand (trestle table provided) • Logo featured on the conference brochure & manual • Logo on the event webpage • Acknowledgement at opening and closing address <p>£ 2,100 (VAT Inclusive)</p>	<ul style="list-style-type: none"> • Complimentary attendance for 1 delegate • Naming rights of the networking drinks • A short speech to extend an invitation to delegates to attend the networking drinks • Signage/banners displayed in the space allocated for the networking drinks • Logo on event webpage • Acknowledgement at opening and closing address <p>£ 1,900 (VAT Inclusive)</p>

Sponsorship Benefits

Attendee Profile

This conference provides sponsors with a valuable opportunity to connect with a highly targeted audience of engineering and technical professionals actively involved in the design, operation, and management of industrial systems and infrastructure.

By participating, sponsors gain direct access to a clearly defined market, enabling meaningful engagement, enhanced brand visibility, and the potential to drive sustainable business growth.

The event brings together experienced professionals to present technical papers and real-world case studies that examine current challenges, emerging technologies, and evolving industry practices. It offers a unique platform for organisations with relevant products, services, and expertise to engage directly with end users and influencers seeking practical, implementable solutions.

Decision Makers

A significant proportion of attendees hold senior leadership and decision-making roles across industry, commerce, and government. This audience includes engineering leaders, technical authorities, and executives—ranging from CEOs and Managing Directors of Australia's top 500 companies to leaders within agile small and medium enterprises nationwide.

Sponsors will have the opportunity to engage with professionals who influence procurement decisions, shape technical strategy, and drive investment in safety, technology, and operational excellence.

Industry Representation:

A vast array of industries will be represented at the conference, providing you with broad exposure for your products and services. Some of the many industries that will be present include:

- Engineering
- Mining
- Oil & Gas
- Government Agencies
- Defence Industry
- Training Companies
- Water Resources
- Power Generation Organisations
- Manufacturing
- Consultants
- Energy Companies
- Manufacturing

Sponsorship Benefits

An IDC Technologies Affiliation

Partnering with IDC Technologies at this conference will provide you with numerous benefits that other meetings or marketing activities cannot offer. A business association with IDC Technologies will provide you with the opportunity to develop:

Influential Associations

IDC Technologies has the benefit of global recognition as the premier provider of engineering and technology training.

Approximately 500,000 engineers and technicians have attended IDC training events over the last 20 years. Our valuable clients come from many of the world's leading organisations.

Growing Business Opportunities

Representing your business at this conference will provide you with the opportunity to reach large and small companies and consequently, direct and influence their decisions to purchase your products and services

Access to Key Decision Makers

Allow yourself and your colleagues to network with decision makers at the highest levels. In positions such as CEO, Managing Director, Engineering Director, General Manager, Engineering Manager, Chief Engineer, and Senior Engineer, these individuals are involved in setting the company's direction and making key purchasing decisions.

Access to Leading Engineering Professionals

Gain access to industry-acclaimed engineering experts for your clients and colleagues. All of our guest speakers will be available for consultation during networking sessions.

A Competitive Advantage for Business

IDC Technologies has a proven track record with business partners. Through our involvement in conferences, workshops and education programs globally, we have built and expanded our business network and ultimately, increased our bottom line.

Sponsorship Application Form

Contact Name:
Position:
Company Name:
Postal Address:
Billing Address:
Telephone:
Email:

I would like to confirm sponsorship of the Hydrogen Safety & Hazardous Areas Conference by the above organisation or individual.

Please tick package:

- Gold Package
 Silver Package
 Networking Drinks

Total Cost: £

Purchase Order #:
Signature:
Name:
Date:

Confirmation:

Please email this signed form to conferences@idc-online.com as well as high resolution images of your company logo and website link to be added to the brochure and website. Once we have received your application, we will review and send confirmation in writing along with an invoice for payment. Payment of the invoice must be made prior to the event.

Sponsorship Cancellation Policy:

All cancellations must be made in writing to conferences@idc-online.com on or a minimum of 60 days prior to the conference date, after this date they will incur a 50% cancellation fee. Any cancellations within 14 days of the conference will incur a 100% cancellation fee.