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Special Session Co-Chairs:

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Industry Panel/Forum:

Michael Condry (USA)
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Publicity Co-Chairs:

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IT/web Co-Chairs:

Antonio Luque (Spain)
Razvan Dinita (UK)

Student & Young Professionals

Chair:
Marek Jasinski (Poland)

International Advisory Board:

Ion Boldea (Romania)
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Emma Rolph (Anglia Ruskin Univ.)
Karl Davies (Anglia Ruskin Univ.)
David Binnie (Edinburgh Napier U.)
Silvia Cirstea (Anglia Ruskin Univ.)
Andrei Dinu (UTC Aerospace Syst.)
Manus Henry (Oxford Univ.)
Emil Levi (Liverpool JM Univ., UK)
Shankar Madathil (Sheffield Univ.)
Bucur Novac (Loughborough Univ.)
Alin Tisan (Anglia Ruskin Univ.)
Codrin Popa (Univ. of Bristol)

Submissions: Prospective authors are invited to visit the conference website:

<http://www.isie2017.org>

Technical Tracks:

T1: Power Systems and Smart Grids. Power Systems, Transmission, Power Quality, Utility Applications, Smart Grids. **Chairs:** Josep Guerrero, Mo-Yuen Chow

T2: Electrical Machines and Industrial Drives. AC/DC Motor Drives, Electrical Machines Design/Modelling, Thermal/Vibrations Issues. **Chairs:** Andrea Cavagnino, Radu Bojoi, Chris Gerada, Sanjeet Dwivedi

T3: Control Systems and Applications. Control Systems, Sensorless and Predictive Control, Data Driven control and Monitoring. **Chairs:** Shen Yin, Yasuharu Kunii, Qing-Long Han

T4: Power Electronics and Energy Conversion. Power Electronics Modelling, Simulation, Design, Control, DC/DC Conversion, AC/AC Converters, Rectifiers, Inverters, PWM Systems. **Chairs:** Chandan Chakraborty, Remus Teodorescu, Mario Paolone

T5: Renewable Electric Energy Conversion, Processing and Storage. Wind Energy, Photovoltaics, Hydro-Power, Battery Technologies, Fuel Cells, Energy Storage Technologies. **Chairs:** Ramon Blasco-Gimenez, Federico Baronti, Giovanni Spagnuolo

T6: Mechatronics and Robotics. Mechatronics, Robotics, Human-Machine Interface Technology, Control of Linear and Non-linear Systems, Adaptive, Robust and Variable Structure Control. **Chairs:** Peter Korondi, Kiyoshi Ohishi, Seta Bogosyan

T7: Factory Automation and Industrial Informatics. Remote Sensing, Process Automation, Flexible Manufacturing Systems, Industrial Agents, Factory Automation, Safety and Reliability. **Chairs:** Lucia Lo Bello, Paulo Leitao, Elizabeth Chang, Valeriy Vyatkin

T8: Electronic Systems-on-Chip & Embedded Systems. Microelectronics, HDL or High Level Language Hardware Design, System-on-chip Design, FPGAs, Embedded Systems. **Chairs:** Marc Perron, Eric Monmasson, Ray Cheung

T9: Computational Intelligence. Image Processing. Neural Networks, Fuzzy Logic, Genetic Algorithms, Image Processing. **Chairs:** George Wilson, Milos, Manic, Ian Van der Linde

T10: Sensors, Actuators and Micro/Nanotechnology. Sensors, Signal/, Audio / Video Applications, Networking Applications, Communication Systems, Measurements & Data Acquisition, Nanoelectronics, MEMs. **Chairs:** Stoyan Nihtianov, Antonio Luque, Toshiyuki Murakami, Ridha Ben Mrad

T11: Automotive Technology. Electric Propulsion, Automotive Applications, Electric and Hybrid Electric Vehicles. **Chairs:** Sheldon Williamson, Akshay Rathore, Fei Gao

T12: Building Automation, Control and Management. Intelligent Environment, Building Management, Building Automation. **Chairs:** Jan Haase, Thomas Strasser, Joern Ploennigs, Gerhard Zucker

T13: Engineering Education. Educational Tools, Continuous Learning, Educational Materials and Methods, Distance Learning, Information and Communication Technologies in Laboratories, University-Industry Collaboration. **Chairs:** Joao Martins, Andreja Rojko.

T14: Entrepreneurship and Management – Challenges for Industrial Electronics. **Chairs:** Michael Condry, Robert Bierwolf.

T15: Industrial Cyber-Physical Systems. **Chairs:** Armando Colombo, Stamatis Karnouskos, Yang Shi

Special track: Student & Young Professionals (S-YP) Forum. **Chairs:** Samir Kouro, Dimitri Vinnikov, Marek Jasinski. IES Student Paper Travel Awards info at: iee-ies.org

Some Plenary Session Speakers:

Prof. Francesco Profumo (Italy), President of IREN S.p.A.

Dr. Andrei Dinu (UK), Senior Chief Engineer, UTC Aerospace Systems

Dr. Domenico Vicinanza & Dr. Genevieve Williams (UK), Anglia Ruskin University

Special Sessions: Proposals are sought from those wishing to organize a special session, consisting of 6 papers, linked by a unique theme. **Deadline: 9th December 2016.**

Tutorials: The Symposium Committee intends to arrange 6 tutorials to be held during the conference, and asks for proposals for suitable topics. **Deadline: 9th December 2016.**

Regular papers: manuscripts to be submitted as full papers, maximum 8 pages, in PDF format, according to the IEEE instructions.

Deadlines:

- Reception of full paper:
- Paper acceptance notification:
- Camera ready paper reception:

December 15th 2016

February 28th 2017

March 10th 2017

April 10th 2017

Final Extension April 23rd 2017



To conclude, an opportunity like this is not to be missed: a conference covering many technical topics in industrial electronics, with a wide range of main tracks, special sessions and interesting tutorials, in a location of high historical and technical / scientific interest. Come and feel the pulse of this vibrant city and experience for yourself the unforgettable Edinburgh, at ISIE'2017, which will take place at Edinburgh International Conference Centre (EICC)!

Accessibility

By Air

Edinburgh International Airport is only 8 miles (12 km) away from the city centre and has very good connections to the city via taxi and by express coach. Over 120 destinations are served by over 40 airlines including New York, Chicago, Amsterdam, Brussels, Frankfurt, Paris, Munich, Stockholm and Oslo. There are on average 311 flights daily from Edinburgh Airport. There are on average 324 flights from the London airports every week and numerous other major cities in the UK including Birmingham, Manchester and Bristol.

By Tram

Since 2014, Edinburgh is offering a tram service from Edinburgh Airport to the city centre.

By Rail

Edinburgh is linked to all the major cities and airports in Britain. The high speed link to London gets you from the heart of one city to the other in just over four hours, while the Eurostar service connects Paris to Edinburgh in around eight hours.

By Road

Motorways and a network of quiet trunk roads ensure Edinburgh is easily - and pleasantly - accessible by road. The coach station at St Andrews Square in the heart of the city offers connections to all major cities in Britain.



Scotland's inspiring capital city is a fusion of fabled streets and historic buildings, contained within a vibrant modern city. Quite simply, it is a brilliant destination in which to hold an international conference.

Edinburgh Castle is arguably one of the world's most famous buildings – and backdrop for the city's spectacular Hogmanay and Festival fireworks. It has played an important role in Edinburgh's life since the 12th century – and sits at one end of the historic Royal Mile. At the other end, you'll find the Palace of Holyroodhouse – the Queen's official residence in Scotland.

In the midst of these gracious surroundings, Edinburgh is alive with inspiration and innovation. For centuries it has nurtured some of the greatest minds in philosophy, economics, finance, literature, law, medicine, engineering and architecture. Often referred to as the 'festival city', Edinburgh offers a year round programme of arts and cultural events. The choice of world-class museums, Galleries and theatres is remarkable. This also means there's an incredible choice of social programme venues – such as the stunning National Museum of Scotland, Scottish National Portrait Gallery or Mansfield Traquair.

For centuries, Edinburgh has fostered excellence in both science and the arts. Great scientific minds such as Charles Darwin, James Young Simpson and Alexander Fleming were trained at its great universities and medical institutions. And in the coffee houses and pubs have flourished some of the world's most creative writers and artists including Robert Burns, Arthur Conan Doyle and J K Rowling.

Edinburgh was at the centre of the Scottish Enlightenment, the spectacular outpouring of intellectual and scientific achievement during the 18th century. David Hume, Robert Adam and Adam Smith exemplified this humanist and rationalist approach which the Scots brought not only to philosophy, architecture and economics but also to engineering, medicine, geology, architecture, law, agriculture, sociology and chemistry. Incredible advances in medicine established Edinburgh as a world leader in medical research and the training of physicians.

Delegates will find Edinburgh not only visually stunning but also very accessible and will leave with incredible memories. For journeys around the city, delegates can enjoy an excellent public transport system or take taxis.

