

PRESS RELEASE



CIRED, the major International Conference and Exhibition on Electricity Distribution

Join the Electricity Distribution Community in Madrid

1. What is CIRED ?

CIRED works for the purpose of increasing the business relevant competencies, skills and knowledge of those who see themselves as a part of the electricity distribution community, whether they are from the utility, product, consultancy, service, business or academic sector. CIRED is dedicated to the design, construction and operation of public distribution systems and of large installations using electrical energy in industry, services and transport.

CIRED covers

- the whole field of Electricity Distribution Systems and associated services, including dispersed and embedded generation issues,
- the technical aspects of Electricity Supply,
- related aspects such as cost reduction, environment, organisation and skills.

CIRED, the Leading Forum where the Electricity Distribution Community meets, holds the major International Electricity Conference & Exhibition every two years in different venues in Europe with a worldwide perspective and participation.

The 2019 EVENT will take place in Madrid, located in the heart of Spain on 3-6 June 2019.

Participation in CIRED 2019 offers an opportunity to meet with up to 2000 experts and benefits from face-to-face interaction with key decision leaders in the field of Electricity Distribution.

An exhibition gathering over 130 companies will be running throughout the conference.

2. CIRED 2019



CIRED 2019 in MADRID (3rd to 6th June 2019)

The 25th International Conference and Exhibition on Electricity Distribution (CIRED) organized by the “Association des Ingénieurs sortis de l’institut d’Electricité Montifiore” (AIM) will be held in Spain’s capital city Madrid. Located in the heart of Spain, this event starting on the 3rd June continuing to 6th June 2019 is being staged in the Feria de Madrid, one of Spain’s leading International Conference and Exhibition venues.

Madrid, one of the liveliest cities in Europe, is a city of elegant boulevards and expansive parks being renowned for large

repositories of European art. With its favourable climate of warm summer sunshine and the city’s excellent transport facilities, attendees will have the opportunity to visit the major attractions, experience the friendly pedestrian areas and enjoy the lively evening street entertainment.

CIRED 2019 is expected to attract some 2,000 experts from over 60 countries that will thereby offer all participants the opportunity to meet and benefit from face to face interaction with the key decision leaders in the field of electricity distribution.

3. CIRED 25th edition



CIRED is always evolving and several innovations have been introduced in the 2019 programme to celebrate the 25th anniversary. These are as follows:

1. Best Young Academic Paper Award – Up to six awards will be presented to the best young academics that will also have the floor during the conference technical sessions. For details, see <http://www.cired2019.org/page/best-young-academic-award>
2. Two CIRED start-up awards will be given to the best start-ups. Each start-up company must be aimed at creating, improving and expanding a scalable, innovative, technology-enabled product in the field of CIRED activities. Start-ups who must be less than five years old and who have not previously exhibited at CIRED can participate in this contest. <http://www.cired2019.org/page/start-up>
3. E-posters will be accessible for the first time at CIRED 2019. Touch screens allowing delegates an all-time access to all Posters will be spread in the classic poster sessions (with its renowned guided tours).

4. CIRED 2019 Technical Programme

The four-day Technical Programme will follow the very successful format by presenting presentations and discussion meetings ably and well-managed by experienced Chairpersons and Rapporteurs, Round Table and Poster Sessions. The Conference starts on Monday 3rd June with seven Tutorial Sessions and following the Opening Forum the large major International Exhibition will open and remain open for the remainder of the event.

The seven **Tutorials** to be featured include the following key topics:

1. Methodologies for Losses Reduction.
2. Artificial Intelligence in Electricity Distribution Networks.
3. Primer on Block Chain and its Application in the Distribution Networks.
4. Optimization in Distribution System Operations: How to leverage flexibility and efficiently assess grid impact? New Tools and Methods.
5. Condition Assessment and Condition Monitoring of Power Transformers in Distribution Grids.
6. Control and Automation Systems for electricity Distribution Networks of the Future.
7. New aspects of earthing system design optimization by qualified risk analysis.

CIREC covers the whole field of Electricity Distribution Systems and associated services. These include distributed generation issues, cost reduction, asset management, flexibility tools and integration mechanisms, new roles for distribution, resiliency and reliability, sustainability and improved energy efficiency, telecommunication and data management.

The Technical Programme commences with the '**Opening Forum**' that will be held on Monday 3rd June at 15.00hrs. This will focus on the legislative package "Clean Energy for all Europeans": Challenges for the Distribution Network and the different Stakeholders.

The technical content of the CIREC 2019 Conference is arranged in six Sessions. These Sessions will address the following themes:

- Session 1: Network components.
- Session 2: Power quality and electromagnetic compatibility.
- Session 3: Network operation, control and protection.
- Session 4: Distributed energy resources and efficient utilization of electricity.
- Session 5: Planning of power distribution systems.
- Session 6: DSO business environment enabling digitalization and energy transition.

In support of these six Sessions there is a daily programme of Round Table Discussions and Research and Innovation Forums.

Poster Sessions

The Poster Sessions that are held daily provide delegates with excellent, well-structured interactive guided tours giving delegates the opportunity for in-depth discussions with every author.

5. CIRED 2019 International Technical Exhibition.

The CIRED 2019 Exhibition in the Feria de Madrid will be the largest ever staged at CIRED with over 130 manufactures and the leading industry organizations from around the world taking the opportunity to share, display and demonstrate the electricity industry's latest products, technologies and services for distribution utilities with all the attendees. This Exhibition also includes the specialist companies and research institutions that continue to offer the electricity industry unique contract services, research and testing facilities. This relaxed, business atmosphere is designed to ensure that all who attend will derive long-term benefits from the time spent in this year's International Exhibition.

6. Conclusion

CIRED 2019 is the biennial event which will again provide professional staff in distribution utilities to join forces with their industry colleagues from around the globe in order to expand and share their technical knowledge and experience in the relaxed atmosphere that will predominate in Madrid's Feria de Madrid Conference Centre in June 2019.

CIRED 2019 in numbers:

- 2000 EXPERTS
- 60 COUNTRIES
- 130 EXHIBITORS
- 25th EDITION
- 6 TECHNICAL SESSIONS

7. Contact

More information: <http://www.cired2019.org/>

cired2019@aim-association.org



[company/cired-conference/](#)



[@CIREDevents](#)



<https://cired2019app.org>

MONDAY 3 JUNE		TUTORIALS 9.15 - 13.45 ROOMS N108 > 118 - LEVEL 1	
		MAIN SESSIONS	
Rooms LEVEL 1		N103	N104
		SESSION 1 NETWORK COMPONENTS	SESSION 5 PLANNING OF POWER DISTRIBUTION SYSTEMS
TUESDAY 4 JUNE	BLOCK 1 09.00 - 10.30	MS11 - Asset management and condition assessment of Network Components Cables, lines and associated components	MS51 - Risk Assessment and Asset Management
	BLOCK 2 11.00 - 12.30	MS12 - Asset management and condition assessment of Network Components Substations, switchgear and transformers	MS52 - Network Development
	BLOCK 3 14.30 - 16.00	MS13 - Innovation in Network Components Cables, lines and new types of components	MS53 - Distribution Planning
	BLOCK 4 16.30 - 18.00	MS14 - Innovation in Network Components Substations, switchgear and transformers	MS54 - Methods and Tools
		SESSION 3 OPERATION, CONTROL AND PROTECTION	SESSION 4 DISTRIBUTED ENERGY RESOURCES AND EFFICIENT UTILISATION OF ELECTRICITY
WEDNESDAY 5 JUNE	BLOCK 1 09.00 - 10.30	MS31 - Operation (Part 1)	MS41 - Co-ordination, flexibility and services
	BLOCK 2 11.00 - 12.30	MS32 - Operation (Part 2)	MS42 - Planning for and understanding the impact of DER
	BLOCK 3 14.30 - 16.00	MS33 - Control	MS43 - Optimising DER (Part 1)
	BLOCK 4 16.30 - 18.00	MS34 - Protection	MS44 - Optimising DER (Part 2)
		SESSION 2 POWER QUALITY AND ELECTROMAGNETIC COMPATIBILITY	SESSION 6 DSO BUSINESS ENVIRONMENT ENABLING DIGITALIZATION AND ENERGY TRANSITION
THURSDAY 6 JUNE	BLOCK 1 09.00 - 10.30	MS21 - Electric and magnetic fields, grounding, transients and immunity of systems	MS61 - Flexibility
	BLOCK 2 11.00 - 12.30	MS22 - Power Quality issues of new technologies	MS62 - Legacy DSO
	BLOCK 3 14.30 - 16.00	MS23 - Power Quality simulations, system studies, measurement and mitigation	MS63 - Future DSO
	BLOCK 4 16.30 - 18.00	MS24 - Quality of supply, monitoring and Big Data analysis, standards and regulatory issues	MS64 - Information Management
FRIDAY 7 JUNE		TECHNICAL VISITS (DEPARTURE AT 09.00)	

OPENING FORUM (OPEN TO ALL) 15.00 - 18.00 NORTH AUDITORIUM (N103 + 104) LEVEL 1	
ROUND TABLES (RT) RESEARCH AND INNOVATION FORUMS (RIFS)	
N101 + 102	N105 + 106
SESSION 3 OPERATION, CONTROL AND PROTECTION	SESSION 4 DISTRIBUTED ENERGY RESOURCES AND EFFICIENT UTILISATION OF ELECTRICITY
RIF SESSION 3	RT1 - Coordination of Response from DER
RT2 - Single Line Faults and Earthing	RT3 - Network Optimisation: Methodologies, Benefits and Risk
RT4 - TSO / DSO interactions Joint Session: SESSION 5	RT5 - Data: Transforming large volumes of data into useful information for utilities and network users
RT6 - Grid Operation 2030 Digitalisation for Distribution System Operators	RIF SESSION 4
SESSION 2 POWER QUALITY AND ELECTROMAGNETIC COMPATIBILITY	SESSION 6 DSO BUSINESS ENVIRONMENT ENABLING DIGITALIZATION AND ENERGY TRANSITION
RT7 - PQ-phenomena related to New Technologies (Results of CIGRE/Cired Working Group C4.24)	RT8 - Cyber security in the DSO business
RT9 - How much is too much? Present experiences and future challenges for large-scale Power Quality monitoring	RT10 - From technologies to new business models. Roadmaps for the digitalisation of the networks
RT11 - Network operators talk. Case studies of recent Power Quality issues	RT12 - Flexibility and Local Markets
RIF SESSION 2	RT13 - Future role of the DSO Joint Session: SESSION 5
SESSION 1 NETWORK COMPONENTS	SESSION 5 PLANNING OF POWER DISTRIBUTION SYSTEMS
RT15 - New components for MV and LV DC network and integration in grid planning Joint Session: SESSION 5	RT14 - Resiliency in distribution planning and operation
RT17 - Alternatives to SF6. Feedback from field application in MV distribution networks and perspectives	RT16 - New Planning Guidelines for Smart Distribution Grids Joint Session: SESSION 3
RT19 - New sensors and algorithms for condition assessment of network components	RT18 - Distributed energy resources aggregation platforms for the provision of flexibility services
RIF SESSION 1	RIF SESSION 5
DOWNLOAD THE APP ON https://cired2019app.org	

WELCOME RECEPTION 18.00 - 20.00 EXHIBITION HALLS	
POSTER SESSIONS	
POSTER AREA (LEVEL 0)	
SESSION 2 POWER QUALITY AND ELECTROMAGNETIC COMPATIBILITY	SESSION 6 DSO BUSINESS ENVIRONMENT ENABLING DIGITALIZATION AND ENERGY TRANSITION
SESSION 1 NETWORK COMPONENTS	SESSION 5 PLANNING OF POWER DISTRIBUTION SYSTEMS
SESSION 3 OPERATION, CONTROL AND PROTECTION	SESSION 4 DISTRIBUTED ENERGY RESOURCES AND EFFICIENT UTILISATION OF ELECTRICITY
EXHIBITION ON LEVEL 0	