

Abstracts

The official language of INTELEC® 2013 is English. All submitted papers must be in English. An abstract must reflect the content of the later presentation accurately and must correlate to the listed topics. The abstract has to be received by the Program Committee not later than **February 15, 2013**.

The abstract (pdf) should not be shorter than 250 words and not longer than 500 words. It must include all information considered necessary by the authors to demonstrate the technical merit of the paper.

The abstract must be submitted through the online system "EDAS" before the deadline (see www.intelec2013.org). Papers will not be accepted if they include commercial advertising or product endorsements. Templates will also be provided on the Website.

All submitted abstracts should include:

Title of the paper
Conference topic
Author's name(s) and E-Mail addresses

All submitted abstracts will be peer reviewed. Accepted papers will be included in IEEE Xplore.
Authors are not exempt from registration fees.

Tutorials

Proposals for tutorials should consist of a 1000 word summary plus a 150 word abstract with a cover page listing the details of the author(s). Submissions should be made via e-mail to hatice.altintas@vde.com by **April 30, 2013**.

Important Dates

February 15, 2013: Deadline for abstract submission
April 15, 2013: Notification of acceptance
April 30, 2013: Deadline for tutorial proposals
July 5, 2013: Deadline for final paper

Sponsoring

Various flexible sponsor packages will be available. Christian Gross, VDE Conference Services will be of further assistance tailoring your individual sponsor arrangement.
Phone: +49-69-6308-381
Fax: +49-69-6308-144
E-Mail: christian.gross@vde.com

Exhibition

Exhibits featuring power equipment and related products will complement the technical sessions. Companies wishing to reserve exhibition space are invited to contact the organizers.

General Enquiries

VDE Association for Electrical, Electronic & Information Technologies
Hatice Altintas
Stresemannallee 15
60596 Frankfurt
Germany
Phone: +49-69-6308-477
Fax: +49-69-6308-144
E-Mail: hatice.altintas@vde.com

Visit the INTELEC® 2013 website for getting the latest information related to the conference
www.intelec2013.org

Photos: www.mediaserver.hamburg.de/C_Spahr/bier

35th International Telecommunications Energy Conference

SMART POWER AND EFFICIENCY



13 – 17 October 2013
Hamburg, Germany

Call for Papers

www.intelec2013.org

organized by

ITG / VDE

in cooperation with



Announcement

The 35th International Telecommunication Energy Conference (INTELEC® 2013) will be held at the Congress Center Hamburg (CCH), Germany from Sunday, October 13 through Thursday, October 17, 2013.

INTELEC®, is an international forum for the exchange of information on energy and power for communication systems including IP and multimedia applications both today and in the future. The conference provides a unique opportunity for designers, manufacturers, distributors of power equipment and network operators to interact directly with researchers and users to discuss a wide variety of topics of power systems, components and energy storage technologies, exchange operational experience and other related energy topics.

INTELEC® 2013 will be accompanied by an exhibition where hard and software solutions related to the scope of the conference are being displayed.

Committees

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Christian Stampfer, Hoppecke Batterien GmbH & Co. KG

Dirk Weniger, b+w Electronic Systems GmbH & Co. KG

Topics

Contributions related to the following topics of interests are welcome:

1. Power Supply (PS)

- Power Conversion (e.g., AC, DC, Inverters)
- Power Plants for Telecommunication and Data Centres
- Telecommunications Power Systems
- Miniature Power Supplies
- Uninterruptable Power Supplies (UPS)
- Total Energy Solutions for Power and Environment (Powersolutions for new ICT)
- Prime Power Systems
- Power Technology, Architectures, Monitoring & Management
- High Efficiency

2. New Technologies

- Wireless Energy Transfer
- DC Grids
- Energy Harvesting

3. Energy Storage

- Batteries (thermal optimized design, conditioning, monitoring, reliability)
- Energy Density and Efficiency
- Storage in Smart Grids

4. Standards and Safety Specifications

- Critical Infrastructure

5. Smart

- Modelling and Simulation (batteries, converters, control and airflow)
- Smart Grids/Microgrids
- Smart Metering/Smart Home
- Power Electronic Load Simulation/Emulation

6. Green Energy

- Renewable Power (e.g. fuel cells, photovoltaic, engines, windmills)
- Sustainable Energy
- Innovative Solutions to Cope with Climate Change
- Hybrid Systems (energy generation and storage)

7. Techno-Economics

- Balance between Sustainability, Reliability and Affordability
- Life-cycle Cost (TCO)
- Return on investment (ROI)
- System Efficiency
- Business Cases

8. Maintenance, Service Concepts

- Maintenance Solutions for Power Systems

9. Thermal Management

- Building and Equipment Cooling Systems
- Physical and Thermal Design

10. Power Quality

- Grounding, EMC and EMI Protection
- Reactive Power and Harmonics
- Stability