

Torino  
2018



**Intelec**<sup>®</sup> 2018

[www.intelec2018.org](http://www.intelec2018.org)



**pels**



IEEE POWER  
ELECTRONICS SOCIETY  
Powering a Sustainable Future



POLITECNICO  
DI TORINO

*40 years  
of Inspiration, Research  
and Exploration in Power  
and Energy for ICT*

**TORINO** • Italy

7-11 October 2018



Organizing Secretariat

*We are*  
**SYMPOSIUM**

[www.symposium.it](http://www.symposium.it)

**EXHIBITOR & PATRON PROSPECTUS**

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[www.intelec2018.org](http://www.intelec2018.org)



## WELCOME TO INTELEC® 2018

Dear Sirs,

I am very pleased and honored to announce that the **2018 INTELEC® conference will be held from October 7th to October 11th in Torino** one of the most fascinating cities in Italy. Local organization will be provided by the Politecnico di Torino, an international leading institution to study engineering and architecture.

As you certainly know, INTELEC® is an international annual technical conference which, for the past thirty-nine years, has been the premier forum for the science and engineering of Information and Communications Technologies (ICT) energy systems.

Research and technical papers explore the needs and trends in the subject areas of power conversion, highly available and resilient mission-critical power infrastructure and energy storage. Topics include DC and AC power systems, power electronics, converters, energy storage, renewable and alternative power sources, grounding, physical and thermal designs, microgrids, building and facilities energy management.

The next conference theme is **40 years of Inspiration, Research and Exploration in Power and Energy for ICT**.

The rich scientific program will include keynote and invited speakers' plenary lectures, parallel sessions with oral communications, poster presentations, workshops and tutorials. A preliminary agenda along with a description of the main conference topics is available at page 3.

The conference venue will be the Lingotto Conference Centre, a modern and well-equipped centre which offers a wide range of technical and logistical facilities.

In line with INTELEC® tradition, the conference will include a **large Industrial exhibition** open to all attendees. Exhibition is a key part of the event. The exhibit area will be located on the ground floor of the conference centre, next to conference session rooms and catering areas thus granting great visibility to all exhibitors.

Various levels of supporting opportunities and diverse promotional solutions for all budgets are also available. See more on all opportunities from page 6 of this prospectus..

Companies will have a rare opportunity to showcase their organization to some of the most influential individuals in the field. **INTELEC® really provides an excellent forum for ICT companies' marketing and educational needs.**

Updated information on the conference can also be obtained at [www.intelec2018.org](http://www.intelec2018.org)

***Do not miss this opportunity, be part of a great event.  
Join INTELEC® 2018, we look forward to welcoming you to Torino!***

The INTELEC® 2018 Local Organizing Committee Chair  
***Prof. Michele Pastorelli***

## INTELEC® 2018 IN TORINO

### PRELIMINARY AGENDA

*Sunday, October 7*

- tutorials
- welcome cocktail reception

*Monday, October 8*

- opening ceremony
- plenary and parallel conference sessions
- exhibition welcome cocktail reception

*Tuesday, October 9*

- plenary and parallel conference sessions (morning)
- half-day tours (afternoon)

*Wednesday, October 10*

- plenary and parallel conference sessions
- gala dinner

*Thursday, October 11*

- plenary and parallel conference sessions
- closing ceremony

### CONFERENCE TOPICS

The scope of the conference will include but not be limited to the following energy system topics:

#### ***Power Systems for ICT***

- Hybrid and renewable energy generation
- Power systems for communication equipment and data centres
- 400V DC power systems
- Power distribution architectures for ICT equipment
- Power infrastructures for IoT systems
- Power infrastructure for 5G networks
- Outside plant power systems
- Wireless power transfer for communication devices

### ***Energy Storage for Communications Systems***

Architectures for energy storage  
Innovative chemical, mechanical and thermal energy storage systems  
Battery technology, modelling, monitoring and life-cycle cost analysis  
Flow battery technology  
Energy management techniques  
Modelling and simulation of energy storage systems

### ***Power Conversion for Communications Equipment***

Circuit topologies and control techniques for AC/DC, DC/DC and DC/AC power converters  
New devices based power converters and systems  
Inverters for ICT systems  
AC and DC UPS for ICT  
High efficiency and high power-density supplies

### ***Site Support Systems***

Disaster recovery and mitigation  
Non grid power sources for ICT equipment  
Physical and thermal design  
Grounding and EMC  
Codes, standards, and specifications

### ***Electrical and thermal energy management and monitoring***

Energy management for ICT offices and data centres  
Energy management systems in building and facilities  
Equipment and Building cooling systems  
Energy systems modelling and simulation



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## THE HOSTING CITY, TORINO

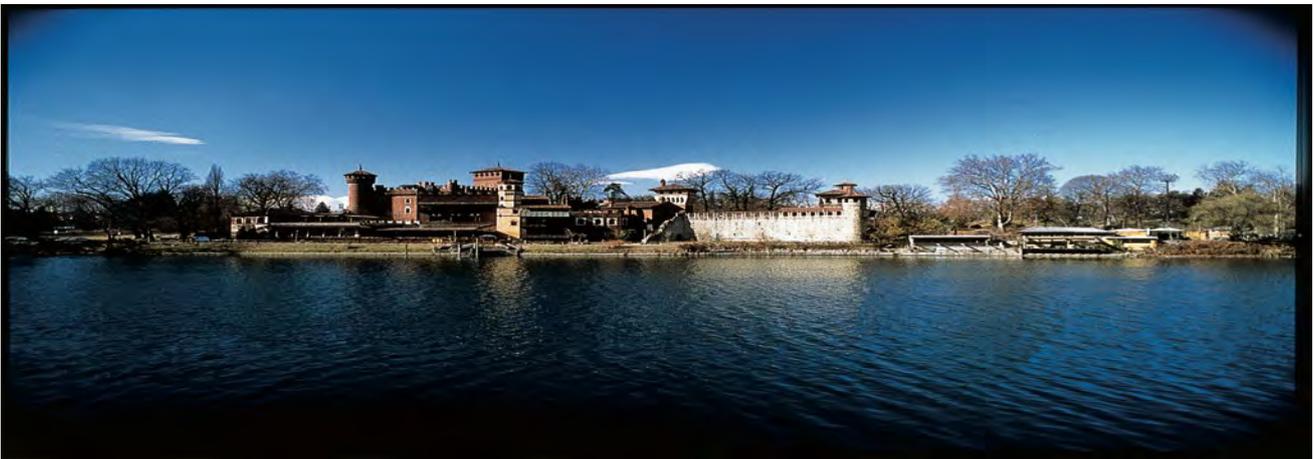
Roman castrum, medieval town, first capital of Italy. Turin offers a lasting memory of castles, old beautiful palaces, royal residences, monuments.

Turin is one of the cultural leading cities in Italy. The city's lively cultural scene includes music, theatre, visual arts, photography, film, design, dance and heritage as well as a wide choice of museums, 46 in town, such as the world famous Egyptian Museum, the beautiful Galleria Sabauda with Italian and Flemish painting collections, the Automobile Museum, the Modern Art Gallery, the Rivoli Museum of Contemporary Art, the National Cinema Museum with its unique interactive approach.

Moreover, Turin is one of the undisputed world capital of taste. It has always boasted a renowned food and wine tradition.

Around Turin there are thousands of excursion opportunities: the Alps, the lakes, the artistic cities and villages, the golf courses, the wine and food tours.

For more info on the hosting city, please visit [www.turismotorino.org](http://www.turismotorino.org)



## THE CONFERENCE VENUE

The conference will be hosted at the Lingotto Conference Centre, via Nizza 230. This venue offers a wide range of technical and logistical facilities. 11 modern and comfortable meeting rooms from 50 to 1,900 seats plus several smaller meeting and board-style rooms, 1,070 sqm exhibition surface, adequate catering spaces, permanent secretariat desks and cloakrooms. Advanced AV equipment is available in every room.

The conference centre can be easily reached in a few minutes from the city centre by subway. An internal car parking space with thousands of places is also available.

See more on the Lingotto Conference Centre at [www.centrocongressilingotto.it](http://www.centrocongressilingotto.it)

## EXHIBITION

Attracting hundreds of scientists, engineers, product and project managers, researchers and practitioners in the field of energy for ICT from all over the world, INTELEC® will provide an important forum for companies to showcase their latest advances, ideas, technologies, products and services.

If you haven't thought about exhibiting at INTELEC® yourself, you may not yet realize how many potential benefits you can unlock:

### *Top reasons to exhibit at INTELEC® 2018:*

- Sponsored by IEEE and PELS, **INTELEC® is the premier international forum** for the science and engineering of Information and Communications Technologies (ICT) energy systems
- The conference maximizes exhibit time and flow of attendees by offering **exhibit spaces close to conference session rooms** and refreshment areas. An exhibition **welcome reception cocktail**, open to all attendees, is scheduled on Monday October 8.
- Introduce your products or services to **500 experts from all over the world**
- Meet ICT professionals in a face-to-face **stimulating sales environment**
- Build **product and brand recognition** among influential decision-makers and opinion-leaders
- **Solidify your market position and generate new leads.** No other marketing instrument guarantees that you will spend so much quality time with your target group, allowing you to explain even complicated offers intelligibly
- Last but not least INTELEC® offer **great educational opportunities.** No matter how experienced you are at your business, everyone can learn.

## EXHIBITION SPACES

- 1. 6 sqm exhibition space;: € 2800,00 (Italian VAT 22% included)**  
Two exhibitors' passes included\*
- 2. 8 sqm exhibition space: € 3500,00 (Italian VAT 22% included)**  
Three exhibitors' passes included\*
- 3. 16 sqm exhibition space: € 6600,00 (Italian VAT 22% included)**  
Six exhibitors' passes included\*
- 4. 20 sqm exhibition space: € 8250,00 (Italian VAT 22% included)**  
Six exhibitors' passes included\*
- 5. 24 sqm exhibition space: € 9400,00 (Italian VAT 22% included)**  
Eight exhibitors' passes included\*
- 6. 32 sqm exhibition space: € 13000,00 (Italian VAT 22% included)**  
Ten exhibitors' passes included\*

\* access to conference common areas, exhibition and catering services.

**5% discount on net amounts due (without VAT) will be granted  
to all participation requests submitted by March 30, 2018**

N.B.

- Spaces are equipped with a basic booth structure including side and back walls, fascia with company name on the booth front side, standard carpet, basic power supply). Furnishings can be provided by the exhibitor or ordered via the conference secretariat at exhibitor expenses.
- Exhibit spaces will be assigned on a first-come-first-served basis except for main supporters (Platinum, Gold and Silver levels) priority.
- All exhibitors and their vendors will have to abide Italian regulations on Health and Safety at Work (law 81/2008). More details will be included in the official conference exhibitors' regulation.

## LINGOTTO CONFERENCE CENTRE GENERAL FLOOR MAP



## INTELEC® 2018 FLOOR MAP...COMING SOON!

The complete conference exhibition floor map will be available within short. It will be circulated on request to all interested companies.

## PATRON PACKAGES

### **PLATINUM level: € 20000,00, Italian VAT 22% included**

- Two inserts in the delegates' tote bags (max 4 pages, A4 size subject to organizing committee approval)
- Full-page color advertisement in the conference program
- 6 full conference registrations
- One display desk + one roll-up banner (max size 800x2000 mm) in the conference lobby (table and chairs provided)
- Platinum-level recognition with patron's logo linked to the patron website on the conference website
- Platinum-level recognition with patron's logo on the conference final programme
- two opportunities chosen among the following (according to availability):
  - conference dinner sponsorship (acknowledgement with logo on official invitations, menus and onsite signage. Five free invitations are included)
  - logo on conference tote bags
  - logo on namebadges and lanyards

### **GOLD level: € 10000,00, Italian VAT 22% included**

- One insert in the delegates' tote bags (max 4 pages, A4 size subject to organizing committee approval)
- Half-page color advertisement in the conference program
- 3 full conference registrations
- One roll-up banner (max size 800x2000 mm) in the conference lobby
- Gold-level recognition with patron's logo linked to the patron website on the conference website
- Gold-level recognition with patron's logo on the conference final programme
- one opportunity chosen among the following (according to availability):
  - welcome cocktail reception sponsorship (acknowledgement with logo on official invitations and onsite signage)
  - logo on conference tote bags
  - logo on namebadges and lanyards
  - one conference buffet lunch sponsorship (acknowledgement with logo on signage)



## INDUSTRY SUPPORTER PACKAGES

### PLATINUM Supporter: € 20000,00 (Italian VAT 22% included)

- Exhibition space, size 32 sqm (utilities and booth furnishings are not included except for side and back walls, fascia with company name on the booth front side, standard carpet, basic power supply). Two inserts in the delegates' tote bags (max 4 pages, A4 size subject to organizing committee approval)
- Full-page color advertisement in the conference program
- 5 full conference registrations
- Platinum-level recognition with company logo linked to the sponsor website on the conference website (sponsor page)
- Platinum-level recognition with company logo on the conference final programme (sponsor page)
- Priority choice of the exhibition space position will be granted for platinum level confirmations received by March 2018

### GOLD Supporter: € 15000,00 (Italian VAT 22% included)

- Exhibition space, size 20 sqm (utilities and booth furnishings are not included except for side and back walls, fascia with company name on the booth front side, standard carpet, basic power supply).
- One insert in the delegates' tote bags (max 4 pages, A4 size subject to organizing committee approval)
- Full-page color advertisement in the conference program
- 5 full conference registrations
- Gold-level recognition with company logo linked to the sponsor website on the conference website (sponsor page)
- Gold-level recognition with company logo on the conference final programme (sponsor page)
- Priority choice of the exhibition space position, after platinum level supporters, will be granted for gold level confirmations received by March 2018

### SILVER Supporter: € 11000,00 (Italian VAT 22% included)

- Exhibition space, size 16 sqm (utilities and booth furnishings are not included except for side and back walls, fascia with company name on the booth front side, standard carpet, basic power supply)
- One insert in the delegates' tote bags (max 4 pages, A4 size subject to organizing committee approval)
- Half-page color advertisement in the conference program
- 3 full conference registrations
- Silver-level recognition with company logo linked to the sponsor website on the conference website (sponsor page)
- Silver-level recognition with company logo on the conference final programme (sponsor page)
- Priority choice of the exhibition space position, after gold and platinum level supporters, will be granted for silver level confirmations received by March 2018

**5% discount on net amounts due (without VAT) will be granted  
to all participation requests submitted by March 30, 2018**

## OTHER PROMOTIONAL AND ADVERTISING OPPORTUNITIES

### 1. ADVERTISING

**1.A One insert into the conference tote bags: € 1500 (Italian VAT 22% included)**

One piece, max 6 pages, max size A4,

**Two pieces: € 2500,00 (Italian VAT 22% included)**

**1.B Delegate tote bags: € 4500,00 (Italian VAT 22% included). *Exclusive opportunity.***

The supporter's logo will be printed on the official conference tote bags along with the conference logo. Insert of one supporter's flyer/brochure is included.

**1.C Name badge lanyards: € 4000 (Italian VAT 22% included). *Exclusive opportunity.***

The supporter's logo will be printed on the official conference lanyards along with the conference logo. Insert of one supporter's flyer/brochure is included.

**1.D Speakers' ready room: € 3000,00 (Italian VAT 22% included). *Exclusive opportunity.***

All presenters will be required to check into the *Speaker Ready Room* in advance of their presentation. They will have the opportunity to review their presentation and relax before their session beginning. This area will be equipped with coffee station and wifi connection. Sponsorship acknowledgement with supporter logo will be available on signage, printed program and conference website.

**1.E Conference app: € 2000,00 (Italian VAT 22% included)**

Updated information on the conference will be available in real time at the attendees' fingertips. Supporters' logo and company information will be included in a dedicated page.

**1.F Advertisement in conference program:**

- full-page colour-advertisement: € 1200,00 (Italian VAT 22% included)

- half-page colour-advertisement: € 800,00 (Italian VAT 22% included)

**1.G Company logo on the conference website and the final programme: € 1300,00 (Italian VAT 22% included)**

Supporters' logos will be published in dedicated pages of the conference website (link to the company website) and final printed programme.

## 2. NETWORKING EVENTS AND REFRESHMENTS

### **2.A Welcome cocktail reception: € 5000,00 (Italian VAT 22% included).**

#### **Exclusive opportunity.**

The welcome cocktail is the icebreaking networking event. It will take place on Sunday October 7. Sponsorship is recognized by signage on location and in the conference printed program. Opportunity to place two supporter-provided roll up banners in the welcome cocktail area.

N.b. this sponsorship opportunity will be assigned with priority to gold-level patrons

### **2.B Exhibitors' cocktail reception: € 5000,00 (Italian VAT 22% included)**

#### **Exclusive opportunity.**

The exhibitors' cocktail will be open to all attendees and it will take place on Monday October 8 at the conference venue. Sponsorship is recognized by signage on location and in the conference printed program. Opportunity to place two supporter-provided roll up banners in the cocktail area.

### **2.C Coffee breaks: € 1800,00 (Italian VAT 22% included)**

#### **Limited opportunities.**

Sponsoring of one coffee break service is included. Sponsorship is recognized by signage on location and in the conference printed program.

### **2.D Lunches: € 2500,00 (Italian VAT 22% included)**

#### **Limited opportunities.**

Sponsoring of one standing buffet lunch is included. Sponsorship is recognized by signage on location and in the conference printed program.

### **2.E Gala dinner: € 10000,00 (Italian VAT 22% included)**

#### **Exclusive opportunity.**

The conference gala dinner is the main conference networking event. It will be held at the amazing National Car Museum on Wednesday October 10. The supporter will be acknowledged with logo on the official dinner invitations, signage on location and website. Five free invitations to the dinner are included.

N.b. this sponsorship opportunity will be assigned with priority to platinum-level patrons

#### **N.B.:**

All supporters, regardless of the type of support, will be acknowledged in dedicated pages of the final programme distributed at the conference and conference website.

**5% discount on net amounts due (without VAT) will be granted  
to all participation requests submitted by March 30, 2018**

### How to confirm your participation:

1. Contact the local organizing secretariat at [intelec2018@symposium.it](mailto:intelec2018@symposium.it) and inform about your preferred opportunity
2. The local organizing secretariat will check availability of the required opportunity and send you confirmation along with the sponsorship contract.
3. On contract signing a 30% advanced payment is required. A further 40% of the amount due will be required by July 15, 2018. Settlement of the total amount due must be paid by September 7, 2018.





## ABOUT IEEE

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE and its members inspire a global community through its highly cited publications, conferences, technology standards, and professional and educational activities.

The following information provides an overview of IEEE offerings and services.

IEEE has:

- More than 423,000 members in more than 160 countries, more than 50 percent of whom are from outside the United States
- More than 117,000 Student members
- 334 Sections in ten geographic Regions worldwide
- 2,116 Chapters that unite local members with similar technical interests
- 3,005 Student Branches at colleges and universities in over 100 countries
- 1,481 Student Branch chapters of IEEE technical societies
- 486 affinity groups; IEEE affinity groups are non-technical sub-units of one or more Sections or a Council. The affinity group patent entities are the IEEE-USA Consultants' Network, Young Professionals (YP), Women in Engineering (WIE), Life Members (LM), and IEEE Entrepreneurship

IEEE:

- Has 39 Societies and seven technical councils representing the wide range of IEEE technical interests
- More than 4 million documents in the IEEE *Xplore*<sup>®</sup> Digital Library, with more than 8 million downloads each month
- Has over 1,300 active standards and more than 500 standards under development
- Publishes approximately 200 transactions, journals, and magazines
- Sponsors more than 1,800 conferences in 95 countries while:
  - Partnering with more than 1,300 non-IEEE entities globally
  - Attracting more than 485,000 conference attendees

Publishing more than 1,500 conference proceedings via IEEE *Xplore*.

There are more than 423,000 IEEE members in over 160 countries around the world. IEEE members are engineers, scientists, and allied professionals whose technical interests are rooted in electrical and computer sciences, engineering, and related disciplines.

The highest grade of membership, IEEE Fellow, is attained through nomination by peers and approval by the IEEE Board of Directors for distinction in the profession.

## ABOUT PELS



The Power Electronics Society is one of the fastest growing technical societies of the Institute of Electrical and Electronics Engineers (IEEE). For over 20 years, PELS has facilitated and guided the development and innovation in power electronics technology. This technology encompasses the effective use of electronic components, the application of circuit theory and design techniques, and the development of analytical tools toward efficient conversion, control and condition of electric power. Our members include preeminent researchers, practitioners, and distinguished award winners. IEEE PELS Publishes the IEEE Transactions on Power Electronics, a top referenced journal among all IEEE publications.

The Power Electronics Society is dedicated to:

- Upholding the vital scientific and educational aspects of power electronics and its applications.
- Keeping its members around the globe up to date on state-of-the-art technological developments and advances in power electronics research.

In striving to build knowledge and awareness of the latest technologies and other advances in power electronics, the Power Electronics Society's goal is to keep members current and competitive in the workplace, and provide them with the tools necessary to help them grow both personally and professionally. We invite you to join us, and benefit from a world of invaluable information and support. The objectives of the Power Electronics Society shall be scientific, literary, and educational in character. The society shall advance the theory and practice of electrical and electronics engineering and of the allied arts and sciences and it shall promote a high level of technical excellence among its members. PELS shall aid in promoting close cooperation and exchange of technical information among its members and affiliates, and to this end shall hold meetings for the presentation of papers and their discussion, shall sponsor periodicals and special publications, and through its committees shall study and provide the needs of its members and affiliates.

The field of interest of the Society shall be the development and application of power electronic systems and technologies, which encompass the effective use of electronic components, the application of circuit theory and design techniques and the development of analytical methods and tools toward efficient electronic conversion, control and conditioning of electric power to enable the sustainable use of energy.

***DO NOT MISS THIS OPPORTUNITY,  
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**FOR MORE INFORMATION ON THE EXHIBITING AND SUPPORTING  
OPPORTUNITIES CONTACT US AT**

**[intelec2018@symposium.it](mailto:intelec2018@symposium.it)**

