The
29th European Symposium on Reliability of Electron Devices, Failure Physics and Analysis
Aalborg – Denmark
1-5 October 2018

Sponsorship Brochure and Application Form
Welcome

Dear companies,

We are glad and proud to welcome you in Aalborg, the capital city of North Jutland region. This edition of ESREF will be a unique one, in particular for exhibitors. In fact, more than 400 participants are expected from all over the world, 50% of them from companies or private research institutions. On top of it, exhibitors will be able to invite external visitors to the stands and offer them coffee.

Aalborg University is the Danish university with the strongest academic environment and it is number 8 in the world and the best in Europe within the field of Engineering (source from US News World Rank 2018). This ranking is based on various indicators, such as project-portfolio, industrial relations, global reputation, research impact, publications and top-professors in terms of research impact. It will maintain the momentum of past ESREF conferences as well as introduce new aspects of topics, especially in the field of reliability of power electronic components and systems.

The venue is particularly convenient as Aalborg airport has plenty of daily flights from and to Amsterdam and Copenhagen, where international and intercontinental connections are available. AKKC – the Aalborg Congress and Culture Centre – is less than 20-minute drive from the airport, with direct buses all day and a very convenient taxi service.

In this brochure, you find all the relevant information regarding the exhibition. Thirty booths of three sizes are available. The availability is based on a first-come-first-served basis. You are most welcome to ask for specific request, such as two or three adjacent booths and special facilities. In the end of this brochure, you can also find the exhibition application form, ready to be subscribed.

We are also sure that you will enjoy the ESREF2018 app, where all exhibitors will be listed with their logos, summary and contact reference. The app will be made available on both Google Play store and Apple app store, and will include networking and chat opportunities. Do not hesitate to ask us about special advertisement requests; we are sure we can find the way to help you.

Not lastly, let us seize the opportunity to thank the exhibition & sponsors secretaries Maria Hald Friis and Hanne Munk Madsen.

We look forward to seeing you in Aalborg,

ESREF 2018 Industrial and Sponsorship Chairs
Paula Díaz Reigosa and Pooya Davari

Francesco Iannuzzo, ESREF 2018 General Chair
Frede Blaabjerg, ESREF 2018 Vice Chair
General Information

Conference Venue
One of Scandinavia’s largest and most flexible congress centres, Aalborg Congress & Culture Centre (http://uk.akkc.dk/), sets the perfect frame for ESREF 2018. The state-of-the-art facilities enjoy a prime location right next to Kildeparken, Aalborg’s main city park. The congress centre, located less than 20 minutes’ drive from the airport (5 km) and 10 minutes on foot from the bustling city centre (800 m), comprises 7,000 m² of exhibition space, three conference auditoria and 40 separate group and meeting suites. The largest auditorium has capacity for up to 2,400 people.

ESREF 2018 Organizing Committee

Conference Chair & Vice-Chair
F. IANNUZZO Aalborg University (Denmark)
F. BLAABJERG Aalborg University (Denmark)

Technical Program Chairs
M. CIAPPA ETH Zurich (Switzerland)
P. COVA University of Parma (Italy)
G. MENEGHESSO University of Padua (Italy)

Industrial and sponsorship chairs
P. DAVARI Aalborg University (Denmark)
P. DÍAZ REIGOSA Aalborg University (Denmark)

Tutorial chair
T. DRAGICEVIC Aalborg University (Denmark)

Workshop chair
Y. YANG Aalborg University (Denmark)

Best Paper Award chair
N. LABAT IMS Bordeaux (France)

Local Organizing Committee
A. L. HENRIKSEN Aalborg University (Denmark)
M. HALD FRIIS Aalborg University (Denmark)
H. MUNK MADSEN Aalborg University (Denmark)

Organization Secretariat
U. MØLLER JAKOBSEN VisitAalborg (Denmark)
H. BUGGE MORTENSEN VisitAalborg (Denmark)
Conference Support
R. STROE  
R. SANCHEZ  
Aalborg University (Denmark)  
Aalborg University (Denmark)  

Webmaster
L. CECCARELLI  
Aalborg University (Denmark)  

ESREF 2018 Sponsorship Contact
ESREF 2018 Secretariat Exhibitor/Sponsor
Attention: Maria Hald Friis
Department of Energy Technology
Aalborg University
Pontoppidanstraede 111, 9220 Aalborg, Denmark
Email contact: sponsor@esref2018conf.org
Program Summary

CONFERENCE VENUE
AKKC – Aalborg Kongres & Kultur Center
Europa Pl. 4
9000 Aalborg, Denmark

DATES
1 – 5 October, 2018

EXHIBITION CONTACT
EMAIL: sponsor@esref2018conf.org
ESREF 2018
Pontoppidanstraede 111, 9220, Aalborg, Denmark

WELCOME COCKTAIL
Monday October 1st 2018

GALA DINNER
Wednesday October 3rd 2018

OFFICIAL LANGUAGE
The official language of the conference is English
Target Group

- Microelectronics manufacturers
- Power devices and component manufacturers
- Packaging and assembly companies
- Material suppliers
- OEMs, particularly automotive
- Failure analysis equipment suppliers
- MEMS, sensors and organic electronics manufacturers
- Wafer suppliers

Topics

- Automotive electronics reliability
- Reliability of nano- and microelectronics for the connected world
- Reliability of power electronics for energy efficiency and industrial applications
- Reliability of photonics and MEMS
- Security and safety
- Innovative failure diagnostics and quality control
- Reliability concepts and modelling
- Reliability of Wide Band Gap devices
- Advanced packaging and interconnections reliability for power devices
Conference Tracks

A. Quality and Reliability assessment techniques and methods for Devices and Systems
B1. Si-Technologies & Nano electronics: Hot carriers, high K, gate materials
B2. Si Technologies & Nano electronics: Low K, Cu Interconnects
B3. Si-Technologies & Nano electronics: ESD, Latch-up, radiation effects
C. Progress in Failure Analysis: Defect Detection and Analysis
D. Reliability of Microwave and compound semiconductors devices
E1. Power Devices Reliability: Silicon and Passive
E2. Power Devices Reliability: Wide Bandgap Devices
F. Packaging and Assembly Reliability
G. MEMS, Sensors and Organic Electronics Reliability
H. Photonics Reliability
I. Extreme Environments and Radiation
K. Renewable Energies reliability
L. Modeling for reliability
SS1. Special session: Reliability in traction applications
ESREF Conferences Facts and Figures

Number of Participants

<table>
<thead>
<tr>
<th>Year</th>
<th>Location</th>
<th>Number of Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td>2018</td>
<td>Aalborg</td>
<td>300</td>
</tr>
<tr>
<td>2017</td>
<td>Bordeaux</td>
<td>250</td>
</tr>
<tr>
<td>2016</td>
<td>Halle</td>
<td>220</td>
</tr>
<tr>
<td>2015</td>
<td>Toulouse</td>
<td>210</td>
</tr>
<tr>
<td>2014</td>
<td>Berlin</td>
<td>200</td>
</tr>
<tr>
<td>2013</td>
<td>Arcachon</td>
<td>180</td>
</tr>
<tr>
<td>2012</td>
<td>Cagliari</td>
<td>170</td>
</tr>
<tr>
<td>2011</td>
<td>Bordeaux</td>
<td>160</td>
</tr>
<tr>
<td>2010</td>
<td>Gaeta</td>
<td>150</td>
</tr>
</tbody>
</table>

ESREF 2018 Participants
400 From Academia and Industry

ESREF 2018
The 29th European Symposium on Reliability of Electron Devices, Failure Physics and Analysis
Aalborg – Denmark, 1-5 October 2018
http://www.esref2018conf.org – info@esref2018conf.org
Sponsorship Packages

Special exhibition booth discounts for sponsors
Platinum -30%, Gold -20%, Silver-10%, Bronze -5%

Companies wishing to participate to the 29th European Symposium on Reliability of Electron Devices, Failure Physics and Analysis (ESREF2018) can tailor their marketing strategy by purchasing items as described in the next paragraphs.

<table>
<thead>
<tr>
<th>Level of Sponsorship</th>
<th>Cost 1</th>
<th>Deadline for confirmation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platinum Sponsor</td>
<td>15,000€</td>
<td>June 15th, 2018</td>
</tr>
<tr>
<td>Gold Sponsor</td>
<td>10,000€</td>
<td>June 15th, 2018</td>
</tr>
<tr>
<td>Silver Sponsor</td>
<td>7,500€</td>
<td>June 15th, 2018</td>
</tr>
<tr>
<td>Bronze Sponsor</td>
<td>5,000€</td>
<td>June 15th, 2018</td>
</tr>
<tr>
<td>Advertisement</td>
<td>See details</td>
<td></td>
</tr>
</tbody>
</table>

1 25% VAT is included in above prices

All sponsors will receive the customary acknowledgements outlined in this brochure. Additional acknowledgements and benefits are listed throughout this brochure to coincide with the opportunities undertaken and the level of sponsorship achieved. All acknowledgements will be provided upon receipt of payment.

Itemized sponsorship and advertisement will be assigned on a first-come, first-served basis.

<table>
<thead>
<tr>
<th>Items</th>
<th>Platinum</th>
<th>Gold</th>
<th>Silver</th>
<th>Bronze</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discount on exhibition booth</td>
<td>30%</td>
<td>20%</td>
<td>10%</td>
<td>5%</td>
</tr>
<tr>
<td>Special recognition during all conference</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Logo on ESREF material (bags or memory stick)</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 minutes slot at opening ceremony</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Logo on the opening slides</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Logo &amp; acknowledgements in conferences proceedings</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>Logo &amp; acknowledgements &amp; link in conference web site</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td>x</td>
</tr>
<tr>
<td>One publicity page in conference kit</td>
<td>x</td>
<td>x</td>
<td>x</td>
<td></td>
</tr>
<tr>
<td>Slide show / video (5 minutes) in Aalborghallens Foyer</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special recognition at gala Dinner</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mention for one coffee break &quot;sponsored by&quot;</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mention for one lunch &quot;sponsored by&quot;</td>
<td>x</td>
<td>x</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full conference registration (gala dinner included)</td>
<td>3</td>
<td>2</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>
Other Sponsoring Opportunities

Some brand marked items can be provided by sponsor to support the conference:
- Lanyards
- Pens and writing pads at cost
  In addition, special opportunities will be setup
- Poster awards (100 euros per sponsor)
- Photo contest (100 euros per sponsor)
- Exhibitor lottery (items to be defined by exhibitors)

Sponsorship items other than listed above can be considered and will be subject to the written approval of the ESREF2018 Organizing Committee.
Details of other Sponsoring Opportunities

Lanyards (security cordon)
Benefits: sponsor’s logo on the lanyards

Pens and writing pads
The pens and writing pads will be inserted in the conference bags. The sponsor supplies the required number of pens and writing pads.
Benefits: sponsor's logo on pens and writing pads

Poster awards
Sponsor will give 100 euros (cash). According to the number of sponsors, the award will be 50% for the first, 30% for the second and 20% for the third.
Benefits: Acknowledgement during poster award ceremony during Gala Dinner, Sponsor’s logo on the voting form.

Photo contest (100 euros per sponsor)
Sponsor will give 100 euros (cash). According to the number of sponsors, the award will be 50% for the first, 30% for the second and 20% for the third.
Benefits: Acknowledgement during Photo Contest award ceremony, Sponsor's logo on the voting form.

Exhibitor lottery (items to be defined by exhibitors)
Benefits: Acknowledgement during Exhibitor reward ceremony, Sponsor’s logo on the voting form.

Advertisement
Companies can reserve 1 color half-page advertising space in the ESREF 2018 final program. The final program will be distributed on site to all attendees in the conference kit. 1000 Euros (VAT included)

Companies will be informed in due time about the technical specification and deadlines for the delivery of the advertisement document. In signing the advertising booking form, companies declare their acceptance of conference regulations.
Sponsorship Application Form

Please complete and sign both the present booking form and the attached Terms and Conditions and return it by post or scan and email to the Organization secretariat:

ESREF 2018 Secretariat Exhibitor/Sponsor
Attention: Maria Hald Friis
Department of Energy Technology, Aalborg University
Pontoppidanstraede 111
9220 Aalborg, Denmark
email: sponsor@esref2018conf.org

<table>
<thead>
<tr>
<th>Sponsor – Booking Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company name:</td>
</tr>
<tr>
<td>TAX Registration Number:</td>
</tr>
<tr>
<td>Contact Person:</td>
</tr>
<tr>
<td>Full Address</td>
</tr>
<tr>
<td>Street name and number:</td>
</tr>
<tr>
<td>Post code:</td>
</tr>
<tr>
<td>City:</td>
</tr>
<tr>
<td>Country:</td>
</tr>
<tr>
<td>Phone:</td>
</tr>
<tr>
<td>Mobile:</td>
</tr>
<tr>
<td>Email:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Platinum Sponsor</td>
<td>15,000€</td>
</tr>
<tr>
<td>Gold Sponsor</td>
<td>10,000€</td>
</tr>
<tr>
<td>Silver Sponsor</td>
<td>7,500€</td>
</tr>
<tr>
<td>Bronze Sponsor</td>
<td>5,000€</td>
</tr>
<tr>
<td>1 color half-page advertisement space in the ESREF 2018 final program</td>
<td>1,000€</td>
</tr>
<tr>
<td>Total</td>
<td></td>
</tr>
</tbody>
</table>

We agree to pay the total amount of the sponsorship price by 14 days after date of invoice.

Name (in capital letters): Signature ESREF 2018 Organization Committee
Date: Signature

ESREF 2018
The 29th European Symposium on Reliability of Electron Devices, Failure Physics and Analysis
Aalborg – Denmark, 1-5 October 2018
http://www.esref2018conf.org – info@esref2018conf.org
Payment Information

General Information
All above rates are in Euro. According to the Danish Tax Policy, the Value Added Tax (VAT) is currently 25% and it is included in the reported rates.

Payment deadline
Upon receipt of the signed application form and acceptance of terms and regulations, an invoice will be sent by VisitAalborg Production A/S. Payment is due 14 days from invoice date.

Payment methods
Exhibition and Sponsorships payment should be sent to: VisitAalborg Production A/S, Kjellerups Torv 5, level 13, 9000 Aalborg, Denmark

Bank account details
Access Map Aalborg Congress & Culture Centre
Aalborg Congress & Culture Centre, Europa Plads 4, 9000 Aalborg, Denmark
Tel. (+45) 99 35 55 55

By car

Copenhagen and Germany have direct motorway connections to Aalborg.

Arriving in Aalborg, you have direct access to the city center by motorway E45 exit no. 27.

GPS co-ordinates
Degrees of longitude: 57.043666 N
Degrees of latitude: 9.912683 E

Parking

In the area around Aalborg Congress & Culture Centre, you find more than 700 parking spaces.

Fee: DKK 7/hour
Weekdays from 8 am to 7 pm
Saturdays from 8 am to 4 pm

By plane

High frequency service from/to Copenhagen: More than 30 daily flights where the flying time is about 35 minutes. Copenhagen is the main air traffic hub in Northern Europe and served by 70 international airlines flying non-stop from 120 cities around the world.

Three daily 75-minute flights from Amsterdam Schiphol operated by KLM connect with 260 destinations worldwide. Moreover, Norwegian operates a route to or from London three days weekly. And for the Scandinavian visitors, SAS and British Airways connect Oslo, Norway with Aalborg 5-6 days weekly.

By train

Direct routes to Aalborg from many cities across the country by DSB (dsb.dk/en/). Intercity trains between Copenhagen and Aalborg run on an hourly basis. The trains also run internationally.

By bus

Long-distance bus routes link Aalborg with Copenhagen, Odense, Esbjerg and other major cities in Denmark and around Europe. Buses are also operated locally in the region and within Aalborg by Abildskou (https://www.abildskou.dk/) and rodbillet (http://rodbillet.dk).