Automotive Thermal Management Conference 2018
Automotive Thermal Management Conference 2018

Bronze Sponsors

KEYNOTE SPEAKERS:

- Osako Shonda
  Thermofluids Team Leader
  HORIBA MIRA

- Maurice Bellamou
  Head of France Thermal Center
  Denso

- Mark Hepokoski
  CEO, Advanced Research
  ThermoAnalytics

- Nick Owen
  Chief Technology Officer
  Dearman

- Noshin Omar
  Prof. Dr. Eng.
  Vrije Universiteit Brussel

- Davide Di Battista
  Post-Doc
  Universita degli studi dell’Aquila

- Cedric Rouaud
  Chief Engineer, Engines Product Group
  Ricardo UK

- Vincent Lemort
  Head of Energy Systems Lab
  University of Liège

- Nicolas Francois
  Fluid & Thermal Simulation Manager
  Valeo Thermal Systems

- Nilabza Dutta
  Technical Specialist, Thermal Energy Management
  Jaguar Land Rover

- Carloandrea Malvicino
  EMEA Vehicle Safety & Regulatory Compliance
  FCA Italy S.p.A

- Clemens Gamsjaeger
  Head of Thermal Management
  MAGNA Powertrain AG

- Philippe Gyan
  Engineer
  Groupe Renault

- David Bridge
  Senior Consultant
  Horiba Mira

- Dave Staton
  President
  Motor Design Ltd

KEY PRACTICAL POINTS:

- Upcoming & emerging technologies for Thermal Management
- Market opportunities for thermal products & services
- HVAC & climate control solutions
- Thermal design & modeling solutions
- Optimizing thermal management for e-cars
- High-efficiency climate control systems with a heat & cold storage unit for EV
- Future fluids for EVs’ cooling systems
- R&D in Thermal Management related spaces
- Future trends in high performance materials for Thermal Management modules
- How to reduce fuel consumption & CO₂ emissions
- Fluid management novelties for effective powertrain thermal performance
We are pleased to invite you to The Automotive Thermal Management Conference 2018 that will be held in Berlin, Germany, on February 1-2.

The conference will bring together all specialists in auto and truck construction with focus on automotive thermal management technology.

The Automotive Thermal Management Conference 2018 will highlight the challenges, opportunities, and emerging innovations; alternative drive, enhancing thermal management for e-cars; innovative thermal management components and materials; CO2 reduction; and next generation, alternative, and environmentally benign refrigerants.

WHO SHOULD ATTEND AND FROM INDUSTRIES:

- Parts & Components Supplier
- Tier
- Systems Integrator
- OEMs
- Design, Testing & Consulting
- Academia
- Heavy Duty Incl. Heavy truck, Industrial & Military Government
- Aerospace Operations & Services
- Specialty Vehicle.

FROM JOB TITLE:

- Directors, VPs
- Managers & Heads of R&D & R&D Management
- Engineering Management
- Product & System Design & Development
- Marketing/Sales
- Corporate Executive & Administrative Management
- Academia
- Testing, Validation & Certification
- Consultants
- Design engineers
- System Engineers
- Material Scientists
- CTOs & all industries & markets whose products, operations & services are within thermal properties & states
## Automotive Thermal Management Conference 2018

**February 1, 2018, Berlin, Germany**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speakers/Institutions</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.30-9.10</td>
<td>Registration &amp; Networking</td>
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<tr>
<td>9.10-9.30</td>
<td>Welcome &amp; Opening Remarks From the Chairman</td>
<td>Roger Decker, Deckers Mobility Consulting</td>
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<tr>
<td>9.30-10.00</td>
<td>Vehicle Thermal Management and Future Challenges</td>
<td>Nilabza Dutta, Jaguar Land Rover, IGBT and MOSFET Thermal Management</td>
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<tr>
<td>10.00-10.20</td>
<td>An Overview of Thermal Comfort-Focused Simulation and Measurement Technology</td>
<td>Mark Hepokoski, ThermoAnalytics, Inc.</td>
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<tr>
<td>10.20-11.00</td>
<td>Networking Coffee Break</td>
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<tr>
<td>11.00-11.30</td>
<td>Challenges of HVAC Systems for XEVs</td>
<td>Osoko Shonda, HORIBA MIRA</td>
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<tr>
<td>11.30-12.00</td>
<td>Battery Thermal Management</td>
<td>David Bridge, HORIBA MIRA</td>
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<tr>
<td>12.00-12.20</td>
<td>Q&amp;A Session</td>
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<tr>
<td>12.20-13.30</td>
<td>Lunch Time &amp; Networking</td>
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<tr>
<td>13.30-14.00</td>
<td>Battery Systems for EVS - Thermal Management Trends</td>
<td>Noshin Omar, Vrije Universiteit Brussel</td>
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<tr>
<td>14.00-14.30</td>
<td>EV Thermal Management Challenges and Opportunities</td>
<td>Philippe Gyan, Renault</td>
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</table>

- **Battery is the Critical Technology for EDVs**
- **Review of EDV battery thermal management options**
**LATEST TRENDS IN COOLING OF ELECTRONIC TRACTION MOTORS**
- Dave Staton, *Motor Design*

**CASE STUDY: DESIGN TRADE-OFF ANALYSIS FOR ELECTRIC MOTOR COOLING TECHNOLOGIES USED IN EV TRACTION**
- Dave Staton, *Motor Design*

**PANEL DISCUSSION: EFFICIENT STRATEGIES OF AIR HEATING AND COOLING IN E-VEHICLES**
- Cedric Rouaud, *Ricardo*
- Nilabza Dutta, *Jaguar Land Rover*

As in conventional vehicles, passenger compartment climate control is required in electric vehicles (EVs) for comfort and safety (e.g., demisting and defrosting). A challenge with EVs is that stored electrical energy consumed for climate control can significantly reduce the vehicle driving range.

**Q&A SESSION**

**CLOSING SESSION REMARK**
- Roger Deckers, *Deckers Mobility Consulting*

**COCKTAIL RECEPTION**
## Automotive Thermal Management Conference 2018

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<td>Roger Deckers, Deckers Mobility Consulting</td>
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<tr>
<td>9.30-10.00</td>
<td>THERMAL MANAGEMENT SYSTEMS – AN EXTENDED ROLE FOR FUTURE MOBILITY</td>
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<td>Roger Deckers, Deckers Mobility Consulting</td>
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<tr>
<td>10.00-10.30</td>
<td>COST REDUCTION OF THERMAL MANAGEMENT MODULES</td>
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<td></td>
<td>Mariuce Bellamou, DENSO</td>
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<td></td>
<td>• Methodology to reduce cost</td>
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<td></td>
<td>• Steps for improving thermal management system</td>
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<td></td>
<td>• Analysis of existing concepts in cost reduction</td>
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<td>10.30-11.00</td>
<td>NETWORKING COFFEE BREAK</td>
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<tr>
<td>11.00-11.40</td>
<td>PANNEL DISCUSSION: FUTURE TRENDS IN HIGH PERFORMANCE MATERIALS FOR THERMAL MANAGEMENT COMPONENTS</td>
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<td>TBA</td>
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<td></td>
<td>A variety of new advanced composite materials are now available that provide great advantages over conventional materials for electronic packaging thermal control, including extremely high thermal conductivities (more than twice that of copper); low tailorabale coefficients of thermal expansion; weight savings up to 80 percent; extremely high strength and stiffness; low-cost, net-shape fabrication processes; and cost reductions as high as 65 percent.</td>
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<tr>
<td>11.40-12.00</td>
<td>CASE STUDY: REDUCE FUEL CONSUMPTION AND CO₂ EMISSIONS</td>
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<td></td>
<td>Cedric Rouaud, Ricardo</td>
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<td>LUNCH TIME &amp; NETWORKING</td>
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## Automotive Thermal Management Conference 2018

### Day 2

#### 13.30-14.00
**The Stakes of Fluid and Thermal Simulation and Design Optimisation for the Development of Innovative and Competitive Cooling Systems**
- Nicolas-Yoan Francois, Valeo
- Existing fluids for effective thermal performance
- New trends in fluid management

#### 14.00-14.20
**Integration of Thermal Systems of the Engine and the Vehicle for Efficiency Improvement and Emissions Reduction**
- Davide Di Battista, Università degli studi dell’Aquila

#### 14.20-14.40
**Experimental Investigation of a Multi-Evaporator Refrigerator for Both Cabin Cooling and Battery Thermal Management**
- Vincent Lemort, University of Liège

#### 14.40-15.20
**Recirculation in Cold Climate**
- TBA
- Challenges and opportunities

#### 15.20-16.00
**Panel Discussion: What is the Right Balance Between Complexity, Cost & Efficiency for Adapting New Climate & Thermal Management Technologies?**
- David Bridge, HORIBA MIRA
- Mariuce Bellamou, DENSO
- What are the main customers' expectations?
- Cost-efficiency & reliability issues in comparison
- Drawbacks and advantages of new climate & thermal management technologies

#### 16.00-16.20
**Q&A Session**

#### 16.20-16.40
**Closing Session Remark**
- Roger Deckers, Deckers Mobility Consulting
Automotive Thermal Management
CONFERENCE 2018

- 2-days conference including case studies and panel discussions
- Get to meet key decision makers within the industry, all under one roof
- Documentation packages with informative materials
- List of attendees
- Coffee breaks and Lunch
- Evening cocktail lounge with opportunities to network

### DELEGATE PACKAGE

<table>
<thead>
<tr>
<th>SUPER EARLY BIRD RATE</th>
<th>EARLY BIRD RATE</th>
<th>STANDARD RATE</th>
<th>LATE RATE</th>
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<tbody>
<tr>
<td>Expires: 30 September 2017</td>
<td>Expires: 31 October 2017</td>
<td>Expires: 20 December 2017</td>
<td>Expires: 31 January 2018</td>
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#### 1 DELEGATE

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<tr>
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<tr>
<td>€1,349</td>
<td>€1,599</td>
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<tr>
<td>€1,499</td>
<td>€1,749</td>
</tr>
<tr>
<td>€1,599</td>
<td>€1,849</td>
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#### 2+ DELEGATES (*per person)

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<th>Without accommodation</th>
<th>With accommodation</th>
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<tr>
<td>€1,049</td>
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<tr>
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<td>€1,599</td>
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<tr>
<td>€1,499</td>
<td>€1,749</td>
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#### ADDITION PASS TO Automotive Exhaust Systems Conference 2018 (*per person)

+ €300

*flight is not included
### Package Benefits

<table>
<thead>
<tr>
<th>BRONZE</th>
<th>SILVER</th>
<th>GOLD</th>
<th>PLATINUM</th>
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<tr>
<td>€ 4 499</td>
<td>€ 5 999</td>
<td>€ 7 499</td>
<td>€ 10 499</td>
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</table>

- 3 m² Exhibition space with LCD monitor for Video Presentations
- Exhibition space 2*1 m
- "including reception/table"
- Delegates' seats for the conference
- Opportunity to make a speech at the event
- Organizing an own seminar/workshop within the event
- Acknowledgement during the event

### Company Recognition Throughout the Event

**Sponsor's Logo On:**

- Event program cover page
- Screen in plenary room
- Event website (with a link to company website)
- Company logo displayed on purchased ticket and name badges

- Separate A4 marketing document in delegate package (supplied by sponsor)

### Branding at the Event:

- Rolling power-point presentation during coffee breaks (30 mins)
- Post event communications (around 3 hours)

- 10% of the time
- 20% of the time
- 30% of the time
- 40% of the time

### Delhi India

February 1-2

**INFO**

**All the marketing materials should be provided by sponsor.**

***BCF group can provide additional marketing materials (e.g. pens, notepads, folders, etc) upon request.***

****All the audio-visual materials required for sponsors presentations should be provided not less than a month in advance.
**INFO**

**EXHIBITION SPACE**

- Exhibition space 2x1 meter
- Exhibitor’s logo, 50 word company profile & contact details inside the delegate package
- Exhibitor’s logo on the event website (with a link to company website)

Price: €1,200

**EXHIBITION SPONSORSHIP**

- Exhibition space 2x1 meter including reception/table
- Sponsor’s logo, 50 word company profile & contact details inside the delegate package
- Sponsor’s logo on the event website (with a link to company website)

Price: €1,500

**KEYNOTE SPONSORSHIP**

- Opportunity to announce the keynote speaker, including acknowledgement of your company as session sponsor
- Sponsor’s logo, 50 word company profile & contact details inside the delegate package
- Sponsor’s logo on the event website (with a link to company website)
- Corporate banner (supplied by sponsor) prominent during the keynote session
- Branding at post-event communication activities

Price: €4,299

**COFFEE BREAK SPONSORSHIP**

- 3 times per event
- Sponsor’s name linked to coffee break in the program and other marketing channels
- 1 delegate seat
- Sponsor’s banner placement in the coffee break area (to be provided by sponsor)
- Sponsor’s logo on the event website
- Separate A4 marketing document in delegate package

Price: €2,999

**LUNCH SPONSORSHIP**

- 2 times per event
- Sponsor’s name linked to lunch in the program and other marketing channels
- 1 delegate seat
- Sponsor’s banner placement in the lunch area (to be provided by sponsor)
- Sponsor’s logo on the event website
- Separate A4 marketing document in delegate package

Price: €3,499

**EVENING COCKTAIL SPONSORSHIP**

- 1st day of the conference
- Sponsor’s name linked to evening cocktail in the program and other marketing channels
- 1 delegate seat
- Sponsor’s banner placement in the cocktail area (to be provided by sponsor)
- Sponsor’s logo on the event website
- Separate A4 marketing document in delegate package

Price: €4,499

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**CONTACTS**

To discuss the opportunities or book a package, please contact:

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Tel: +420 226 633 309
E-mail address: emmilie.williams@bcfgroup.eu