



# TRUCKS | OFF-ROAD

## SIA POWERTRAIN

### Renault Trucks Plants

November 25, 2014

Bourg-en-Bresse, Rhône-Alpes

# PROGRAMME



## Truck and off-road industries are facing two main challenges:

Cost of ownership (fuel consumption is the second or third biggest expenses for a truck operator) and environmental needs (CO<sub>2</sub>- fuel consumption, Nox, particulates...).

Two years ago, we had important contribution to Euro6 and hybrid solutions. It's time to have a first feedback on these solutions and prepare the next evolutions of the powertrains for fuel consumption improvement and challenges on the environmental regulations for on road and off-road applications.

The SIA is proposing a working day on these topics. The event will include an industrial site visit and a technical exhibition of truck and off road powertrain technologies.

# COMMITTEE

## CHAIRMEN:

**Sylvain MICHON** | VOLVO POWERTRAIN

**Nicolas TOUROVEROFF** | SIA

## MEMBERS:

**Philippe BERNET** | RENAULT

**Christophe CHARIAL** | PSA PEUGEOT CITROËN

**Pierre DURET** | IFP SCHOOL

**Pierre-Yves GEELS** | AVL

**Noureddine GUERRASSI** | DELPHI

**Omar HADDED** | TATA MOTORS

**Emmanuel JEAN** | Faurecia

**Jean-Christophe LAMODIERE** | KISTLER

**Geoffroy MARTIN** | Mov'eo

**Jean-Jacques MILESI** | SIA

**Gaëtan MONNIER** | IFPEN

**Vanessa PICRON** | VALEO

**Thomas RÖLLE** | IAV

**Rémy SCHMITT** | ROBERT BOSCH

# SPONSORING OFFERS

Companies which give a lecture to the conference can display exhibits for free / Contact Emilie Ogor

	Euros VAT exc.
<b>Sponsoring package:</b>	
6 sqm space + ad in book of conference + booklet in conference bag + logo on all documents	2 000
6 sqm space next to conference room	1 000
Ad in the book of conference	600
Insertion of company booklet in the conference bags or goodies	600
Cords and badges	500
Lunch break sponsoring	3 900

## CONTACT

**EMILIE OGOR** - Event Project Manager / Société des Ingénieurs de l'Automobile

+33 (0)1 41 44 93 75 - emilie.bonnet@sia.fr



# PROGRAMME

09:15	<b>WELCOMING COFFEE</b>
09:40	<b>Introduction of the conference</b> Nicolas TOUOVEROFF
09:45	<b>Presentation of the Bourg en Bresse plant</b>
10:00	<b>Keynote</b> <b>Alternative energy offers &amp; concepts trucks: feedback from Renault Trucks</b> Karine FORIEN   Renault Trucks
<b>SESSION 1: ENERGY MANAGEMENT &amp; RECOVERY</b> Chairmen: Nicolas TOUOVEROFF   SIA and Jean-Christophe LAMODIERE	
10:30	<b>Rankine system for long haul truck application</b> Nicolas ESPINOSA   Volvo
10:50	<b>EHEV - Ecodrive for Hybrid Electric Vehicles</b> Antonius KIES   TU Graz, Institute for ICE and Thermodynamics
11:10	<b>Energy management structure and tuning influence on hybrid medium-duty truck CO2 emissions</b> Philippe POGNANT-GROS   IFPEN
11:30	<b>New Volvo truck I shift, heavy duty dual clutch transmission</b> Gunnar KARLSSON   Volvo
11:50	AVL
12:10	<b>Round table / questions &amp; answers</b>
12:30	<b>LUNCH BREAK</b>

<b>SESSION 2: EXHAUST AFTERTREATMENT</b> Chairmen: Emmanuel JEAN   Faurecia and Pierre-Yves GEELS   AVL	
14:00	<b>ASDS application for Bus fleets</b> Alain SASSI   Faurecia
14:20	AVL
14:40	<b>DIAXOL : a solution against cyanuric acid deposits in SCR</b> Pierre SCHMELZLE   Total
15:00	<b>Round table / questions &amp; answers</b>
<b>SESSION 3: NEW POWERTRAINS</b> Chairmen: Sylvain MICHON and Remy SCHMITT	
15:15	<b>Liebherr, new generations of engines: SCR-only then SCR on filter for Stage IV /Tier4f then Stage V compliances</b> François JAUSSI   Liebherr
15:35	<b>The new Volvo versatile engine platform combining high feature and right cost</b> Olivier LOZAR   Volvo
15:55	<b>Synthesis of the Scania engines solutions for trucks, vans and buses</b> Gilles BAUSTERT   Scania
16:15	<b>Round table / questions &amp; answers</b>
16:30	<b>END OF THE CONFERENCE</b>

# REGISTRATION FORM

Conference and Visit TRUCKS/OFF-ROAD POWERTRAIN - November 25  
Ref: 2014-07

## PLEASE COMPLETE AND RETURN THIS FORM TO:

SIA - 79, rue Jean-Jacques Rousseau - F-92158 Suresnes Cedex / Tel: +33 (0)1 41 44 93 70 - Fax: +33 (0)1 41 44 93 79

REGISTER DIRECTLY ON LINE: [www.sia.fr](http://www.sia.fr)

### Please use BLOCK CAPITALS when filling in this form

Mrs ☐ Ms ☐ Mr ☐ Dr ☐ Dipl-Ing ☐

Family Name: \_\_\_\_\_ First Name: \_\_\_\_\_

Company: \_\_\_\_\_ Department: \_\_\_\_\_

Position: \_\_\_\_\_

Address: \_\_\_\_\_

Postcode: \_\_\_\_\_ City: \_\_\_\_\_ Country: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

VAT number: \_\_\_\_\_

- ☐ I will attend the conference (Nov. 25<sup>th</sup>) **AND** the plant visit (Nov. 24<sup>th</sup>)  
☐ I will attend the conference (Nov. 25<sup>th</sup>) **but NOT** the plant visit (Nov. 24<sup>th</sup>)

### Registration fees

- ☐ **468 € VAT Incl.** (390 € VAT Excl.) SIA Members  
☐ **564 € VAT Incl.** (470 € VAT Excl.) Non Members  
☐ **288 € VAT Incl.** (240 € VAT Excl.) Researchers\*, Labs\* and Small Firms (< 100 employees)  
☐ **0 € VAT Incl.** Speakers and Chairmen

*Preferential rates for students, retired people and groups - For further information: [emilie.bonnet@sia.fr](mailto:emilie.bonnet@sia.fr)*

\*Researchers and laboratories must not come under the control of big firms (> 100 employees).

### Payment (Please precise the invoice address)

- ☐ **By check in Euros** made payable to: "Société des Ingénieurs de l'Automobile"
- ☐ **By bank transfer in Euros** made payable to: "Société des Ingénieurs de l'Automobile" (please enclose a copy)  
IBAN: FR76 30003 03290 00020040139 58 - BIC - Adresse SWIFT: SOGEFRPP  
Please, precise your company name and reference: 2014-07
- ☐ **By credit card:** ☐ American Express ☐ Diners ☐ Visa ☐ Eurocard Mastercard
- I hereby authorise the organisers to charge my credit card to the amount of \_\_\_\_\_ €
- On my Card n° : \_\_\_\_\_ Expiration date : \_\_\_\_\_ / \_\_\_\_\_
- 3 or 4 digit CVV or CVC number (on back or front of credit card): \_\_\_\_\_
- Cardholder's name: \_\_\_\_\_

**Date and signature:** \_\_\_\_\_

**Company stamp:** \_\_\_\_\_

### REGISTRATION CONDITIONS

- Registration fees include participation in the conference, CD of proceedings, book of abstracts, refreshment breaks and lunch.
- Where it is not possible to send the payment together with the form, each registration should be accompanied by an official purchase order. Failing reception of an official purchase order or payment on the day of the congress, we regret that you will not be allowed entry to the congress.
- When we have received the registration form, we will send you a confirmation message and an invoice. Please indicate the accounts department address where necessary.
- In case of cancellation before October 25, 2014, 30% of the registration fees will be retained by the organisers. After this date, the entire registration fee will be retained. Registered participants not able to attend may nominate a substitute. Written notice must be provided.

# TECHNICAL VISIT

## RENAULT TRUCKS PLANT

Avenue Amédée Mercier  
01002 BOURG en BRESSE

Start time: 02:15pm  
Language: French / English

# GENERAL INFORMATION

