

➤ **CALL FOR PAPERS**

International Conference and Exhibition

SIA CESA 5.0

Automotive electronics, components
and systems for new mobility

**Deadline
for abstract
submission:**

**28 MARCH
2018**

**5 - 6 DECEMBER
2018**

**PALAIS DES CONGRÈS
DE VERSAILLES,
FRANCE**

OPPORTUNITY TO BE A SPEAKER!

.....
Please send to martin.pierrelee@sia.fr
your abstracts proposition, from 5 to
8 lines, before the **28 March 2018**

Please use the attached form
.....

Electronics content is growing in every product.

SIA CESA 5.0 is a major opportunity to understand how the automotive business will evolve over the next five years, with a focus on products and services that are likely to transition from other markets into use-cases for automotive.

This congress explains the technological breakthroughs, technical barriers and other influencing factors for our industry such as standards, rules and laws.

Technical domain focus:

- > **New mobility: Major Disruptions**
- > **New mobility: Connectivity & Integration**
- > **New mobility: Development Challenges**
- > **New mobility: Technology Disruptions**
- > **New mobility: Autonomous Vehicle**

You can participate as a speaker focusing on topics below.

TOPICS TO BE ADDRESSED

New mobility: Major Disruptions

- Market aspects in Europe or China
- New mobility concepts
- Shared mobility
- IoT, car and mobility

New mobility: Electrification

- Energy mix
- Electric mobility
- Infrastructure & Charging
- Batteries and BMS
- Vehicle electrification in general
- Smart architectures
- Industrialisation of power electronics
- Game changer: New technologies of semiconductors

New mobility: Connectivity & Integration

- V2X technologies
- Hybrid communication
- Software update over the air
- Safety, reliability, fail operational/ degradable
- Smart electronic systems
- Precise Localisation
- Demoprojects


New mobility: Technology Disruptions

- Artificial Intelligence
- Big Data
- Human Machine Interaction
- Cloud services
- Cybersecurity / Dataprotection

New mobility: Autonomous Vehicle

- Perception and data fusion - Confidence in sensing
- Photonics in the car
- Highly automated driving
- Simulation, Testing and Validation
- Demo projects
- Legal & Privacy aspects
- Social Aspects

Important information for future speakers:

- All necessary instructions for the preparation of papers will be sent to the selected authors in due course.
 - The lead author (one per paper) will benefit a free access to the conference and meals.
 - Conference language:  (no simultaneous translation)
-



ABOUT CESA



Jochen Langheim
Conference Chair
STMicroelectronics

SIA CESA 5.0 the international conference on automotive electronics, components and systems will take place on 5 & 6 December 2018 in Versailles. Our goal is to build the bridge between traditional automotive electronics and the new developments in vehicle electrification and digitalization as well as those from the world of consumer electronics and the Internet of Things.

This is a major opportunity to understand how the automotive business will evolve over the next five years, with a focus on products and services that are likely to transition from other markets into use-cases for automotive. Electronics content is growing in every product thanks to miniaturization of circuits, new business models, new actors and beyond this a changed perception of the environment which has consequences for industry in general, not only for the automotive one.

SIA CESA is an event that explains the technological breakthroughs, technical barriers and other influencing factors for our industry such as standards, rules and laws.

Engineering and business unit managers as well as technical experts from the automotive world will gather to exchange on these subjects with colleagues from adjacent domains such as infrastructure, communication, Telco providers, insurance, consumer electronics and law.

We were 300 in 2016 SIA CESA, we expect even more congressists this year to discuss all those major subjects.

Key cornerstones of our congress will be:

- > Strong cooperation with the PFA, the French automotive industry federation.
- > The interdisciplinary experience in France supported by demonstrations.
- > Mobilization of communities, such as smart electronic systems, photonics, mobility clusters and IoT.

Technical domain focus:

- > **New mobility: Major Disruptions**
- > **New mobility: Electrification**
- > **New mobility: Connectivity & Integration**
- > **New mobility: Technology Disruptionss**
- > **New mobility: Autonomous Vehicle**

Our sponsors and partners will show in a dedicated exhibition their latest products and technologies contributing to the future of the automobile industry.

A stylized, handwritten signature in black ink, appearing to be 'J. Langheim'.

Jochen Langheim

COMMITTEES

Conference Chair

Jochen LANGHEIM
STMicroelectronics

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YAHIAOUI Gérard, Nexyad



CALL FOR DEMO CARS

We are soliciting companies for demonstration vehicles that will showcase technologies related to the conference topics.

Demo cars will be displayed next to the conference venue (day and night security).

Contact: martin.pierrelee@sia.fr

EXHIBITION & ADVERTISING

This unique event will bring together more than 300 participants: directors, managers, heads of department, engineers, researchers and technicians. An exceptional line-up of guests and speakers will be present for the occasion.

The exhibition will allow you to show-case your company, present your latest products and create privileged contacts within this unique gathering of targeted decision-makers.

Booths may be reserved for immediate entry. This offer is limited and it is highly recommended to book your booth space as early as possible.

	SHELL	BUSINESS	PREMIUM	EXCLUSIVE	ELITE
Rates € (Exc. French VAT of 20%)	4 500 €	7 200 €	12 000 €	16 600 €	18 200 €
Fitted-out booth	9 sqm	12 sqm	18 sqm	24 sqm	30 sqm
Included badges	2	4	8	10	12
Logo on congress materials	x	x	x	x	x
Ad in book of conference		1/2	1	1	1
Ad in programme		1/2	1/2	1	1
Flyer insertion in conference bag			x	x	x
E-mail banner				x	x
Preferential location in exhibition					x
Announcement as major sponsor					x
Extra badges discount *	-10%	-20%	-30%	-40%	-40%
Extra Square Meter	500 € per square meter				

* As SMEs / Universities & Labs enjoy a lower entry rate, they cannot benefit from this extra discount

Rates € (Exc. French VAT of 20%)	BACK COVER	INSIDE	INSIDE FRONT COVER	INSIDE BACK COVER
Programme (sent once by mail & several times by e-mail)	1 300 €	950 €	950 €	1 100 €
Conference book (Distributed to all attendees)	1 300 €	950 €	1 100 €	1 100 €
Insertion of company booklet / goodies in the conference bags**			1 500 €	
Conference bag with your logo**			1 500 €	
Lanyards**			2 000 €	
Demonstrator or demo-cars within the exhibition hall ***			1 000 € / sqm	
Coffee Breack sponsoring ****			On request	
Lunch ****			On request	

* Half Page

** In 300 samples

*** Without booth package + advertising in the Congress Leaflet

**** Company name & Logo on the programme + your poster(s) next to the table(s) buffet



CONFERENCE VENUE



PALAIS DES CONGRÈS DE VERSAILLES

10 rue de la Chancellerie
78000 Versailles, France



PUBLIC TRANSPORTATION



From Roissy CDG Airport, take RER B towards Paris and stop at "Saint-Michel Notre-Dame".

Then, take another train RER C towards Versailles Rive-Gauche. Stop at "Versailles Rive-Gauche".

The Palais des Congrès is 5 min by foot.



From Saint-Lazare station (Paris), take a SNCF train towards Paris "Versailles Rive-Droite".

The Palais des Congrès is 20 min by foot.

ACCESS INFORMATION



On our website sia.fr

Conference : SIA CESA 5.0

SUBMISSION FORM

→ Send your abstract to martin.pierrelee@sia.fr before **03/28/18**

Authors

About the main speaker:

Title : _____ Forename : _____ Surname : _____
Position : _____
Company : _____
Full address : _____
Phone : _____
Cell : _____
E-mail : _____

About the co-authors#1 :

Title : _____ Forename : _____ Surname : _____
Position : _____
Company : _____
Full address : _____
Phone : _____
Cell : _____
E-mail : _____

About the co-authors#2 :

Title : _____ Forename : _____ Surname : _____
Position : _____
Company : _____
Full address : _____
Phone : _____
Cell : _____
E-mail : _____

Free inscription for the main speaker

Co-authors : 495 €VAT

(instead of 990 €VAT)

- **Classification by topics (check adressed topics)**

- **TOPIC 1**

- New mobility: Major Disruptions**

- Market aspects in Europe or China
- New mobility concepts
- Shared mobility
- IoT, car and mobility

- **TOPIC 2**

- New mobility: Electrification**

- Energy mix
- Electric mobility
- Infrastructure & Charging
- Batteries and BMS
- Vehicle electrification in general
- Smart architectures
- Industrialisation of power electronics
- Game changer: New technologies of semiconductors

- **TOPIC 3**

- New mobility: Connectivity & Integration**

- V2X technologies
- Hybrid communication
- Software update over the air
- Safety, reliability, fail operational/degradable
- Smart electronic systems
- Precise Localisation
- Demoprojects

- **TOPIC 4**

- New mobility: Technology Disruptions**

- Artificial Intelligence
- Big Data
- Human Machine Interaction
- Cloud services
- Cybersecurity / Dataprotection

- **TOPIC 5**

- New mobility: Autonomous Vehicle**

- Perception and data fusion-Confidence in sensing
- Photonics in the car
- Highly automated driving
- Simulation, Testing and Validation
- Demo projects
- Legal & Privacy aspects
- Social Aspects

Abstract

Title :

Abstract (max. 40 lines) :

Short abstract (max. 5 lines) :

Key words: