

➤ CALL FOR PAPERS



International congress & Exhibition

SIA CESA 2022

Automotive Electronics

Deadline for
Proposals
Submission:
APRIL 13TH 2022

**DECEMBER 7 - 8
2022**

PARIS REGION

Sustainability will be the main focus of 2022 CESA

Automotive Electronics have long contributed to improvements in vehicle safety and performance, as well as to reducing the car's environmental footprint.

Mechatronics Powertrain Controls, Vehicle Connectivity, Driving Assistance and Automation, embedded Artificial Intelligence supported by "Big data" and Cloud architectures will have an even greater impact on sustainable mobility over the next few years.

More than ever the Electronic (including Consumer Electronics) and Automotive industries have to face strategic challenges and better prepare for our future.

This congress will focus on how Automotive Electronics can further integrate sustainability and efficiency into the car itself, into new mobility and services, while the Electronics industry will continue its efforts to be fully sustainable.

This focus will position CESA as the Key event on these subjects in 2022.

SIA CESA is organized by the SIA (French Automotive Engineers Society) with the support of the PFA (the Platform representing the whole French Automotive Industry), working in close relationship with the French Electronics industry. This deliberate industrial strategy underlines the strength of cooperation and convergence required of both over several years.

SIA CESA will take place on **December 7/8, 2022**, an important date after the two major storms our organizations and industries have had to face since 2018: a shortage of components in different sectors in the last few years and the globally disruptive COVID-19 pandemic and its impacts on product development, production, and the supply chain.

Keynote Speakers, Roundtable discussions and technical sessions will alternate in order to discuss the subjects listed on the next slide, and give opportunities to capture, share and consolidate important information from VIP's and trend setters.

They will be with us:



Wolfgang Bernhart
Roland Berger
Senior Partner



Geoffroy Bouquot
VALEO
Group CTO & SVP
Strategy



Joachim Damasky
VDA
Managing Director



Gilles Le Borgne
Renault
EVP Engineering



Marc Mortureux
PFA
General Manager

ORGANIZING & PROGRAM COMMITTEE

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Pascal RIBOT, STMICROELECTRONICS

Daniel RICHARD, SIA

We invite all experts likely to shed light on the below-mentioned themes to send their abstracts before **APRIL 13th 2022**. Please use the form downloadable from **www.sia.fr**

TOPICS TO BE ADRESSED

Automotive Electronics supporting Sustainable Mobility and new usages

- > From car centric to user centric and new usages : challenges
- > Electronics key enablers for energy savings in mobility
- > new frontiers for communication technologies and services
- > HMI and Cockpits in highly automated and electrified vehicles

Big data and Artificial intelligence in a trustable and sustainable environment

- > Software architectures and topology : optimizing a distributed intelligence from deep edge to cloud increasing global energy efficiency
- > « Small data / low power»
- > AI Modularity, standardisation, certification

Electronic Hw & Sw : design and sustainability

- > Automotive Electronics and Life cycle : Strategic Materials, carbon & environmental footprint, technical solutions to reduce, update, re-use, repair, recycle, supply chain robustness
- > Digital architectures towards more centralization and compatibility with more complex software
- > Power consumption reduction in and through electronics
- > Hardware innovation leading to performance disruptions in mobility applications

SELECTION CRITERIA FOR PROPOSALS

- > Methods applied or applicable to the problems of the companies, in adequacy with the topics of the congress
- > The innovative and original character of the proposal
- > Lessons and know-how that can be transferred to other companies

PRACTICAL INFORMATION FOR FUTURE SPEAKERS:

The program committee will assign successful proposals to one of the sessions

- > Presentation time: 30 minutes (including 5 or 10 minutes of questions) timings can be adjusted according to the needs of the day
- > Sending a technical paper prior to the congress is mandatory
- > Sending of a PDF version of the slides, which will be downloadable by the participants
- > Free access to the conference for the main speaker.
- > Language :
 - Oral presentation : English
 - Powerpoint : English
- > Further practical information will be sent after the selection of abstracts

SIA CESA 2022

SUBMISSION FORM

→ Send your abstract to martin.pierrelee@sia.fr before **04/13/22**

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 : 600 €VAT

(instead of 990 €VAT)



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

Automotive Electronics supporting Sustainable Mobility and new usages

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- > Power consumption reduction in and through electronics
- > Hardware innovation leading to performance disruptions in mobility applications



Abstract

Title :

Abstract (max. 40 lines) :

Short abstract (max. 5 lines) :

Key words:



EXHIBITION & VISIBILITY

The SIA organizes, in parallel of these 2 days of congress, an exhibition. Take advantage of this unique opportunity to meet automotive experts and showcase your newest products, services and innovations!

Below are our offers to promote your company:

> BOOK A BOOTH

	BASIC	SHELL	BUSINESS	PREMIUM	EXCLUSIVE	ELITE
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Logo on congress materials			✓	✓	✓	✓
Ad in digital book of conference			1	1	1	1
Ad in digital program			1/2	1/2	1	1
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Extra Square Meter				500 € per square meter		

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

> ADVERTISING // VISIBILITY

Rates € (Exc. French VAT of 20%)	BACK COVER	INSIDE	INSIDE FRONT COVER	INSIDE BACK COVER
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