

 **CALL FOR PAPERS**



With the support of the
French Car Industry



International Conference, Night Drive Tests and Exhibition

SIA VISION 2020

Vehicle and Infrastructure Safety
Improvement in Adverse Conditions

**Submission
Deadline:**

**18 FEBRUARY
2020**

**7 - 8 OCTOBER
2020**

**CITÉ DES SCIENCES ET DE L'INDUSTRIE,
PARIS - FRANCE**





Hector Fratty,
Conference Chair,
Driving Vision News

Bearing in mind the Europe-wide challenges and R&D programmes relative to road safety, and in the light of the success of the first V.I.S.I.O.N. congress in September 2002, we and our other partners—vehicle and equipment manufacturers, research organisations and public authorities—have decided to repeat this event by organizing **the 10th edition of VISION on 7-8 October 2020 in Paris, France.**

Considering the number and severity of accidents occurring at night and/or in poor weather conditions, it is now necessary to re-examine their causes and the possible ways of improving safety, with the support of the world's top authorities in the field. The International SIA VISION Congress will also attempt to promote methods of bringing about significant reductions in the risks faced and to improve driver and pedestrian safety in such poor conditions.

This 10th SIA VISION Congress will be held at Cité des Sciences et de l'Industrie in Paris and will bring together the major players in the fields affected by such problems. In addition, night driving trials will be carried out on test tracks at Mortefontaine facilities to demonstrate the many recent innovations and to enable assessment of their effectiveness in improving safety.

We look forward to seeing you in Paris in October either as a conference speaker, exhibitor or participant.

Yours sincerely,

TOPICS TO BE ADDRESSED

1. Vehicle Equipments & Systems

- Glare-free high beam with Matrix, LED-arrays, DMD, LCD, LCoS
- Front Lighting: Technologies, New functions/**communication and road projection**, Aesthetics – LED and Laser
- Rear Lighting: Technologies, New functions/**communication**, Aesthetics – LED and OLED
- Side Lighting: New functions
- Lighting for EV and AV
- Cleaning systems for windshield and sensors

2. Making the Vehicle Aware of its Surroundings

- Detectors: Ultrasonic, Radar, Lidar, Cameras, etc.
- Data Processing
- Driver Assistance Functions
- Connectivity

3. Human/Machine Interfaces and Interactions

- HMI Integration
- Human/Machine Cooperation

4. Infrastructure and Equipment

- Roads
- Road Signs
- The Road/Vehicle Interface

5. Regulations and Standards

- ADB (Adaptative Driving Beam)
- DRL (Day Running Lights)
- ARS (Advanced Rear Lighting System)
- New ADAS functions

Any other paper presented on a topic not quoted above but having scientific, technical or strategic interest will be taken into consideration.

Experts in the topics mentioned above who would like to take part in this conference are invited to submit their abstracts by **18 FEBRUARY 2020**

➤ Please use the attached submission form and send it back to molly.boissier@sia.fr



COMMITTEES

Conference Chair

Hector FRATTY, DRIVING VISION NEWS

Steering Committee

Molly BOISSIER, SIA

Luc BOURGEOIS, GROUPE RENAULT

Gabriel CLEMENT, ZF GROUP

Matthieu DABEK, GROUPE PSA

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Gilles LE CALVEZ, IRT VEDECOM

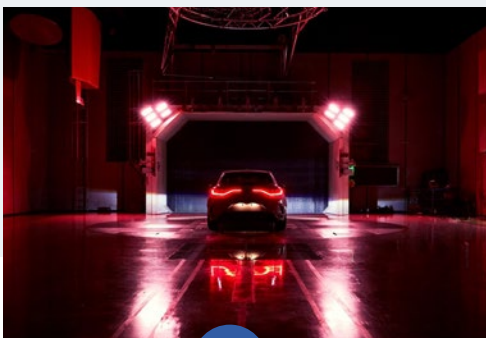
Sébastien LEFRANC, CONTINENTAL

Marc PAJON, GROUPE RENAULT

Caroline ROBERT-LANDRY, ZF

Night Drive Tests
will take place at
Mortefontaine
Private Track

(40 km from the
conference venue,
1 hour by bus)



CALL FOR DEMO CARS – NIGHT DRIVE TESTS

Organisers 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, in front of the Cité des Sciences et de l'Industrie (day and night security).

If you are interested, please send an email to martin.pierrelee@sia.fr

SIA VISION 2020

PARIS 7-8 OCTOBER 2020

Vehicle and Infrastructure Safety Improvement
in Adverse Conditions

**SUBMISSION
DEADLINE**
18 FEBRUARY 2020
To be sent back to
molly.boissier@sia.fr

Important information for future speakers

- Conference language: English (no simultaneous translation)
- The time allowed to speaker will be 15 minutes + 5 minutes for Q&A
- Successful authors commit themselves to send their biography and to produce a Full Paper (6-8 pages) one month before the congress, their presentation in PDF and PPT format MUST be sent to molly.boissier@sia.fr on **23 September 2020**.

Key dates

18 February 2020: abstract submission deadline

5 March 2020: Scientific Committees review

23 March 2020: authors will be notified of the Committees decision

4 September 2020: deadline to send authors' biography & Full Paper

23 September 2020: deadline to send PDF and PPT presentations

Other information

The time allowed to speaker will be 20 minutes.

The main author (one per paper) of selected papers will have a free entrance, 2 co-authors can benefit from a discount rate.

The 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 :

ATTENTION

Only the main speaker is free of participation fees.
2 co-authors can benefit from discount fee if and only if they are listed here.

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About the co-authors#3:

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

About the co-authors#4:

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

About the co-authors#5:

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

The abstract

Topics classification

1. Vehicle Equipments & Systems

- Glare-free high beam with Matrix, LED-arrays, DMD, LCD, LCoS
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Abstract

Company + Name, position & email of the main contact:

Title of paper:

Abstract (Max. 1500 characters):

Relevance and innovation of your presentation:

Topics classification:



GENERAL INFORMATION

VENUE / ACCESS

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75019 PARIS
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www.cite-sciences.fr



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By train

"Gare de l'Est" is 10 mn away by metro,
"Gare du Nord" (Eurostar & Thalys) is 15 mn,
"Gare Saint-Lazare" & "Gare Montparnasse" are 30 mn,
"Gare de Lyon" is 40 mn away by metro.



By car

Car park

Entrance at "quai de la Charente". Open every day 24/24.
1600 places with direct access.

Taxis

Entrance by "quai de la Charente" or by "boulevard Mcdonald".



By Métro

Line 7 in direction of "La Courneuve - 8 mai 1945"
Get out at station "Porte de la Villette"



From Charles De Gaulle airport

35 mn by train (RER B) • 30 mn by car

