

 **CALL FOR PAPERS**



With the support of the  
French Car Industry

**PFA** FILIÈRE  
AUTOMOBILE  
& MOBILITÉS

**Fiev** EQUIPER  
LE FUTUR  
DE L'AUTOMOTIVE

International Conference, Demo Cars and Exhibition

# SIA VISION 2024

Vehicle and Infrastructure Safety  
Improvement in All Conditions

**Submission  
Deadline:**

**14 February  
2024**

**16 - 17 OCTOBER 2024**

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



**Paul-Henri MATHA,**  
Conference Chair,  
Driving Vision News



Programming for the SIA VISION Congress 2024 opens today, so please submit your best work—abstracts are due by **14 February, 2024**. Upon review by the Scientific Committee, you will be contacted personally.

Hector Fratty founded the biennial SIA VISION Congress in 2004, and I am deeply honored to take over from him as Chair for the **13th Congress on 16-17 October 2024**. This will be my 8th congress as part of the organization committee, and now my first as conference Chair.

We've got a new rubric for the congress, too: Vehicle and Infrastructure Safety Improvement in All Conditions; the Congress will no longer focus on lighting and driver assistance in bad weather only. **Lighting and ADAS** will be on stage with the same importance, **with two parallel sessions**.

During two full days, representatives of vehicle makers; suppliers; research institutes, and public authorities will share achievements, innovations, and insights through lectures and conferences, a wide product expo, and hands-on experiences.

We look forward to receiving your proposals on the topics here below.

Yours sincerely.

## TOPICS TO BE ADDRESSED

### LIGHTING

- Sustainability: How do we define a safe and sustainable lighting system?
- Technology: HD, projections, light sources innovation to increase safety
- Lighting for severe weather conditions
- Lighting for sensor and sensor for lighting
- Design trend: lit grill, displays, charging lamp, welcome, personalization, interior lighting: too low or too much, how can we avoid safety impairment
- Vehicle lighting: trucks, bike, trailer, construction lighting
- Lighting regulation evolution

### ADAS

- Perception: sensor (camera, lidar, radar, interior monitoring) & Software (AI, deep learning, sensor fusion), HD map, adverse weather (sensor disturbance, robustness, testing)
- Frature (L2+, L3, Valet parking, L4, robot taxi, V2x)
- Regulation, rating and norm
- Methods and tools
- Perception performance, sensor integration, sensor cleaning, repairability, Life cycle assessment, power consumption, aftermarket calibration

*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 **14 FEBRUARY 2024**

➤ Please read the whole call for papers and submit on the dedicated website.

- Conference language: english
- Speakers will have 20 minutes to present & 10 minutes to answer questions
- Deadline for your abstract: February 14th 2024
- If selected, it is mandatory to produce a technical paper (6-8 pages) by September 20, 2024
- PPT presentation to be sent on September 30, 2024



## COMMITTEES

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Paul-Henri MATHA, DVN

### Steering Committee

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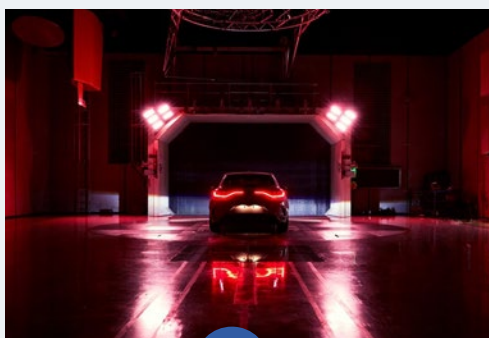
### Scientific Committee Lighting

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Roland Brémont, Université Gustave Eiffel  
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Sebastien Lefranc, Continental  
Heiko Leppin, Continental  
Gael Monfront, Bosch  
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Caroline Robert, ZF  
Christian Taffin, Renault

Showcase  
your  
technologies



## CALL FOR DEMO CARS

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

Demo cars will be displayed **at the entrance** 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](mailto:martin.pierrelee@sia.fr)

## GENERAL INFORMATION

### VENUE / ACCESS

**Centre des Congrès de la Villette**  
Cité des Sciences et de l'Industrie  
30, avenue Corentin Cariou  
75019 PARIS  
Tel.: +33(0) 1 40 05 70 00  
[www.cite-sciences.fr](http://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



**Submit your  
abstract**