

 PROGRAMME



International Conference and Exhibition

AUTOMOTIVE NVH COMFORT LE MANS 2023

18-19 OCTOBER
2023

PALAIS DES CONGRÈS DU MANS
FRANCE

INTRODUCTION

In a context ever growing number of questions concerning the next mobility, car manufacturers are facing many challenges with even more constraints and the enhanced need to deliver emotional products that make sense. And this has to be done while managing supply chain, lowering carbon footprint, dampening cost variation of raw materials, as we are going through health crisis, conflicts and climate change.

Let's look forward and imagine what should be the next steps for automotive NVH

The idea of a fully autonomous vehicle is by now embodied by various levels of automation, that are gradually changing the driving experience, and EV are not exactly perfectly quiet vehicles. This experience is at the focal points of many research and development, and within it, the "sonic journey" is taking more and more space.

Audio HMIs are more and more developed and must provide clear information with no cognitive overload and in coherence with the global acoustic balance and vibe. Audio systems are going to be used for other things than just playing music: Active sound design, active noise cancelling, along with enhanced telephony and superior audio, all within constrained physical space and available CPU and memory.

Energy management system in a hybrid electric vehicle is not going to set operating point of the powertrain accordingly to drivers needs only, as alien intelligence is working for optimized fuel economy. The powertrain NVH feedback of the driver need is therefore modified and must be done in a right way... Welcome to the NVH of systems.

NVH engineering is shifting from noise control to life on board acoustic comfort enhancement, as sound perception in a car is one of the dominant emotional and sensorial experience.

And the questions raised in our last conference "automotive in soundscape" about the external noise impact are still the object of many similar efforts, from regulatory compliance to brand image sound signature and noise pollution control.

COMMITTEE

Thomas ANTOINE - RENAULT
 Pascal BOUVET - VIBRATEC
 Li CHENG - THE HONG KONG POLYTECHNIC UNI
 Nicolas DAYCHEZ - UTC
 Arnaud DUVAL - TREVES
 Leon GAVRIC - STELLANTIS
 Johan GREBERT - AUTONEUM
 Antoin GUELLEC - AUDI
 Alain LBERRY - SHERBROOKE
 François LOHR - MICHELIN
 Saïd NAJI - VALEO
 Louis-Ferdinand PARDO - RENAULT
 Charles PEZERAT - UNIVERSITÉ LE MANS
 Hervé PICHON - CTTM
 Jean-François RONDEAU - TREVES
 Kresimir TRDAK - HUTCHINSON
 Ming ZHOU - VALEO

LE MANS & THE PLANTAGENET CITY



USEFUL INFORMATION




ACCESS

Palais des Congrès et de la Culture du Mans
Rue d'Arcole - 72 000 Le Mans, France

Paris > Le Mans

2 hours by car

 Car park available: entrance at boulevard Demorieux or rue Barbier

54 minutes by train, from Montparnasse station

Le Mans station is 7 minutes from the Palais des Congrès by foot.

Public transportation in Le Mans

Bus line 17 (stop at "Palais des Congrès")

HOTEL ACCOMMODATION

IBIS STYLES***

+33 (0)2.43.85.49.00

HOTEL CHANTECLER***

+33 (0)2.43.14.40.00

IBIS LE MANS CENTRE**

+33 (0)2.43.23.18.23

IBIS HÔTEL

+33 (0)2 43 83 20 20

CAMPANILE LE MANS CENTRE GARE

+33 (0)2 52 22 73 06