

➤ PROGRAMME

**SIA** SOCIÉTÉ DES  
INGÉNIEURS DE  
L'AUTOMOBILE

**sfip** Société Française  
des Ingénieurs  
des Plastiques

4<sup>TH</sup> EDITION

International Congress & Exhibition

# NeMMo 2025

## New Materials for future Mobility

JULY 2 & 3, 2025

RENNES - FRANCE

**NeMMo**  
New Materials for future Mobility

## JOIN NEMMO 2025 AND SHARE YOUR EXPERT INSIGHTS ON NEW MATERIALS FOR MOBILITY

With the support of:



And the French Car Industry:



### LANGUAGE OF THE CONGRESS

Slides and conference's language will be in English.

### NeMMo is back in Rennes for the 2025 edition!

Co-organized by SIA & SFIP, NeMMo is back on July 2 & 3, 2025 for two days of discussions and conferences, around an exhibition. It will allow to meet these expectations and imagine the future of mobility.

For its 4<sup>th</sup> edition, NeMMo will be held again in the magnificent and newly restored Convent des Jacobins in Rennes.

### WHO will you meet?

- Automotive, Rail, Aeronautics & Naval Industry Managers
- OEMs, tiers N & raw materials suppliers,
- Materials processors and converters, machines & tooling manufacturers,
- Software, IA & simulation developers
- Materials recyclers,
- Academics
- ...

**Join NeMMo 2025 & Imagine the FUTURE MOBILITY!**

## SCIENTIFIC COMMITTEE

Philippe ANTOINE,  
ARCELORMITTAL

Nathalie BOUAD,  
SIA

Gildas BUREAU,  
STELLANTIS

Frédéric CHARON,  
SIA

Yvan CHASTEL,  
Renault Group

Amaury CORNILLEAU/  
Moez BEN AHMED,  
GPA

Jean-Yves DACLIN,  
PLASTICS EUROPE

Laurence DUFRANCATEL,  
FORVIA

Laurent GERVAT,  
Renault Group

Alain GIOCOSA,  
SFIP/ AFICEP

Nicolas KOHOUT,  
IRT M2P

Patricia KRAWCZAK,  
IMT NORD EUROPE

Gérard LIRAUT,  
Renault Group

Thierry ORSAT,  
MICHELIN

Pierre PRONOST,  
OP MOBILITY

Olivier REBUFFET,  
CONSTELLIUM



### ORGANISATION AND CONTACTS

**Speakers:** Pauline DESPORTES - SFIP // Tél. 33 6 37 53 52 68 // pauline.desportes@sfip-plastic.org

**Exhibition & sponsoring:** Estelle FORA - SIA // Tél. +33 6 76 62 24 87 // estelle.fora@sia.fr

## PROGRAMME WEDNESDAY 2 JULY 2025

08:00	➤ <b>WELCOME COFFEE</b>	
08:30	➤ <b>WELCOME INTRODUCTION</b>	
08:40	➤ <b>KEYNOTE - Decarbonizing BUS: the major challenges facing the world of public transport</b> Jean-Marc BOUCHERET - IVECO	
09:10	➤ <b>KEYNOTE - Decarbonizing aviation: the major challenges facing the world of air transport</b> Anne BARUSSAUD - SAFRAN	
09:40	➤ <b>KEYNOTE - Decarbonizing boating: the major challenges of the boating world</b> Erwan FAOUCHER- BENETEAU	
10:10	➤ <b>Presentation of exhibiting companies "2 minutes/ 2 slides"</b>	
10:40	➤ <b>Coffee Break</b>	
11:25	➤ <b>PANEL DISCUSSION: Automotive decarbonation</b> <b>Moderator Frédéric CHARON - SIA</b> Renault Group, Stellantis, OPMobility, Forvia, Valeo, Hutchinson	
12:25	➤ <b>STUDENT CHALLENGE: FINAL PITCH + VOTE</b>	
13:00	➤ <b>Lunch Break</b>	
	<b>POLYMER SESSION</b>	<b>METAL SESSION</b>
	<b>NEW MATERIALS FOR CURRENT &amp; NEW MOBILITIES</b>	<b>DESIGN / PROCESS / PRODUCT</b>
14:50	➤ <b>Next Generation Flame Retardant Polyester (PBT) for Sealed High Voltage Connectors</b> Thierry DONIS - CELANESE	<b>Steel Electric SUV conversion into an Aluminium Intensive Vehicle. Key technical &amp; economical metrics. Focus on aluminium formability</b> Dominique DANIEL, Vincent LAURENT, Mary-Anne KULAS - ALUMOBILITY
15:15	➤ <b>Thermofire: bio-based fire-retardant thermoplastic composites reinforced with natural fibres</b> Eduardo LOPEZ - CTME, Elsa COUSIN - POLYMERIS, Carlota EGUILUZ - AVANZARE	<b>Improving range and payload capacity of e-LCV with sustainable &amp; cost effective steel solutions</b> Nabil FAYCAL, Matthieu AMBLARD - ARCELORMITTAL
15:40	➤ <b>Electrically conductive polymer film with PTC effect (Positive Temperature Coefficient) for heating applications for automotive</b> Philippe PAUL BERT - HEATSELF	<b>Robust conditions for press-hardened steel concepts in industrial forming processes</b> Michael LINNEPE, Cassia CASTRO-MÜLLER - Tobias SCHAFFNER - Janko BANIK - Thomas GERBER - THYSSENKRUPP STEEL EUROPE
16:05	➤ <b>Coffee Break</b>	
16:50	➤ <b>Advanced EV thermal management through polyamide solutions</b> François POTIER, Nancy Zilli - DOMO	<b>PANEL DISCUSSION</b> <b>Aluminium casting for body in white</b> Renault Group – Bühler – Gaming Engineering
17:15	➤ <b>Mold in Color Recycled PP Compound for Automotive exterior trims</b> Pascal MANSCOUR - Renault Group Alexandre MARTIN - LYONDELLBASELL	
17:40	➤ <b>United for zero-emissions: Europe's collaborative push in EV innovation - ZEvRA project</b> Ricardo DEL VALLE - BAX Daniel NEBEL - Fraunhofer Annabelle SION - POLYMERIS	
18:05	➤ <b>STUDENT CHALLENGE AWARD</b>	
18:15	➤ <b>NETWORKING COFFEE IN THE EXHIBITION &amp; VISIT</b>	
19:45	➤ <b>End of the 1<sup>st</sup> day</b>	
20:15	➤ <b>COCKTAIL DINNER</b>	
23:15	➤ <b>END OF THE DINNER</b>	

## PROGRAMME THURSDAY 3 JULY 2025

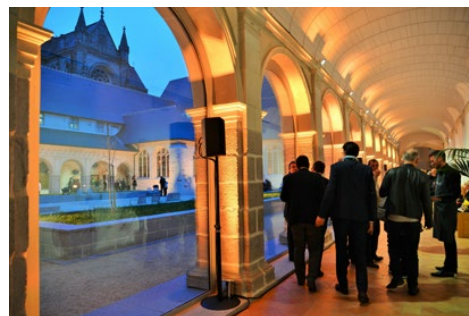
08:30 › WELCOME COFFEE	
POLYMER SESSION TO RECYCLE OR TO BE RECYCLED	METAL SESSION SUSTAINABILITY & CRITICAL MATERIALS
09:00 › Driving Circularity through partnership: sustainable compounds Ryoma NISHIMURA – MATERI'ACT + VEOLIA	Heavy Rare Earth-free permanent magnet machines: what are the challenges for electric vehicle propulsion? Louis-Charles GARNIER, Meike WEHNER - VALEO
09:25 › Prototyping a mechanically recycled pmma: hidden challenges and first succesful outcomes Laurent BARRE – VALEO LIGHT - Sven SCHROEBEL - ROHM GMBH, Alain GENTILINI – Renault Group	Increasing recycled metal content: the fastest, simplest, and most energy-efficient way to lower the carbon footprint of automotive aluminium products Jocelyne LIST, Dr. Fanny MAS - CONSTELLIUM
09:50 › Closed-loop Recycling of Automotive Thermoplastic Parts: Insights from Turning End-of-Life Bumpers into New Bumpers Florence ALMEIDA-BLUNTZER - SABIC, Antoine CHEREAU - The Future is Neutral - Yohan GARNIER - Flex-N-Gate	CO <sub>2</sub> reduced Steel: Key to Sustainable Automotive Production and a Circular Economy Fabian Botz, Carmen Ostwald - THYSSENKRUPP STEEL EUROPE
10:15 › Coffee Break	
POLYMER SESSION TO RECYCLE OR TO BE RECYCLED	METAL SESSION DESIGN / PROCESS / PRODUCT
11:00 › Innovations in the recycling of plastics materials in automotive seats: towards carbon neutrality Marie-Angélique PURAVET - CEA Liten - Marthin FRETIGNE - FORVIA	Innovative gel solution for sustainable, efficient disassembling of glued components without damaging them Louis MEUNIER - EXPLEO
11:25 › From production process control to component & mold design: latest key success factors for PCR efficient integration in automotive interior applications Pierre DEMORTAIN, Luca GAZZOLA - SIRMAX	Mechanical and fatigue performances of multi material assemblies between Al alloys and various steel grades thanks to resistive welding and to an innovative in-situ additive manufacturing process (LISI μ-MACH-AP®) David MERCS - Libin LALU KOITHARA - Vincent DEMANGE - LISI AUTOMOTIVE
11:50 › Carbon Fiber Recycling Louis Meunier - EXPLEO & Aurore SANCHEZ - EXTRACTIVE	Friction Stir Welding: High-Performance Solutions for battery casings, inverter/charger cooling and Bus Bars Stirweld Laurent DUBOURG - STIRWELD
	12:15 › Multi-material assembly technologies to allow welding and expend the application fields of the Flowform®. Nadine SCHMETZER, Matthias BERJAMIN - Arnold Fastening
12:25 › Lunch Break	
	12:40 › Lunch Break
POLYMER SESSION INTELLIGENT DESIGN FOR DECARBONIZED APPLICATIONS	METAL SESSION DESIGN / PROCESS / PRODUCT
14:15 › Implementing Eco-Design Strategies in Battery Cooling Lines Steven FAUCHER - ARAYMOND Adil BEN CHEKROUN - ARKEMA	A Pioneering Demonstration of Joining Complex HPDC Components to Steel Subassemblies with The Carry-Over Spot Welding ERWin® Process, Ensuring Geometrical Accuracy Romeu GOMES - IRT M2P Maxime GROJEAN - Gaming engineering Stéphane LOYER, Peggy BROUSSAUD LALOUE - STELLANTIS
14:40 › Long-term performance prediction of thermoplastic materials by using accelerated test methods in combination with modeling, FE simulations and AI. Aitor ARRIAGA, Jon SOLOLUZE - Leartiker S. Coop.	Power of Less through Multi Part Integration: design, support and prototypes of latest MPI solutions Joël WILSIUS, Benjamin SARRE - ARCELORMITTAL
15:05 › H2 Storage technologies for mobility Marouane ASSEL, Julien RULLIER - SERES TECHNOLOGIES Laëtitia VERGER - FORVIA	Lightweight and sustainable aluminium side door solution Emmanuel Le Berre, Yvan Chastel - Renault Group Christian Lange, Jocelyne List - CONSTELLIUM
15:30 › Electric Road Systems (ERS): beyond the attractive concept, what impact on materials? Guy DIEMUNSCH, Mourad TIGUERCHA - VEDECOM – Pierre HORNYCH - UGE	
15:55 › CONCLUSION OF THE CONGRESS	
16:00 › END OF THE CONGRESS	

## JOIN US FOR A SPECIAL SOCIAL EVENT AND COCKTAIL DINNER!

18:15

### Start the evening by a cocktail in the exhibition

Want to enjoy all the exhibitors of the congress? On the 1<sup>st</sup> day, at the end of the conferences, join us for a dedicated time with the exhibitors.



From  
18:15

### Come and discover the Pinault Collection ...

#### LES YEUX DANS LES YEUX' EXHIBITION

Every two years, the Pinault exhibition comes to the Couvent des Jacobins. In 2025, more than 90 works (paintings, sculptures and drawings) will be presented.



20:15

### ...Before enjoying a cocktail dinner at Mama Shelter

#### COCKTAIL DINNER AT THE MAMA SHELTER

With its large bay windows overlooking the Place des Lices, come and enjoy the atmosphere of Mama during this special evening.



# MAMA SHELTER

#### MAMA SHELTER

3 Place de la Trinité  
35000 Rennes



## EXHIBITION & ADVERTISING

During the congress, an exhibition will be held. All breaks will take place in the exhibition allowing attendees and exhibitors to exchange in a friendly atmosphere.

**In addition, we offer exhibitors the opportunity to make a speech in the plenary room before the break of the 1<sup>st</sup> day: "2min/2slides".**

### BOOK A BOOTH

	BASIC	SHELL	BUSINESS	PREMIUM	EXCLUSIVE	ELITE
<b>Rates € (Exc. French VAT of 20%)</b>	<b>3 400 €</b>	<b>4 500 €</b>	<b>7 200 €</b>	<b>12 000 €</b>	<b>16 600 €</b>	<b>24 200 €</b>
Fitted-out booth	6 sqm	9 sqm	12 sqm	18 sqm	24 sqm	30 sqm
Included badges	2	2	4	8	10	12
Dedicated space on the congress app	✓	✓	✓	✓	✓	✓
Logo on congress materials			✓	✓	✓	✓
Ad in digital book of conference			1	1	1	1
Ad in digital program			1/2	1/2	1	1
Advertising on the exhibitor's page (SIA's APP)				✓	✓	✓
E-mail banner						✓
Preferential location in exhibition						✓
Announcement as major sponsor						✓
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.

### ADVERTISING // VISIBILITY

<b>Rates € (Exc. French VAT of 20%)</b>	BACK COVER	INSIDE	INSIDE FRONT COVER	INSIDE BACK COVER
Digital program	950 €	950 €	1 300 €	950 €
Digital Conference book	950 €	950 €	1 300 €	950 €
Advertising on the app's homepage			1 500 €	
Advertising on the exhibitor's page			1 000 €	
Insertion of company booklet / goodies in the conference bags			1 500 €	
Lanyards			2 000 €	
Lunch, cocktail or Gala Dinner sponsoring*			On request	

\* Company name & logo on all congress material as sponsor + your poster(s) next to the table(s) buffet.



## CONGRESS VENUE

### LE COUVENT DES JACOBINS

CENTRE DES CONGRÈS DE RENNES MÉTROPOLE



### Le Couvent des Jacobins

Centre des Congrès de Rennes Métropole  
20, Place Sainte-Anne  
35000 Rennes

## ACCESS



### By train & Metro

**Rennes Train station**, the Couvent des Jacobins is a 27 mn walk away.

From the train station you can also take the metro line A and stop at **Sainte Anne station**.

*Please note that, on the 3<sup>rd</sup> of July, the first train from Paris arrives at 8:15 am should you wish to arrive the day of the event make sure to book your ticket well in advance.*



### By car

**High speed motorways A81.**



Pay parking near the congress centre: **Parking HOCHÉ**

Place Hoche, 35000 Rennes

Access map: <https://www.c-park.fr/parking/parking-hoche>



### By plane

**1 hour from Paris CDG**

Daily direct flights from the major cities of France and Europe.

### Direct flights

1 hour 30 minutes from many major European cities.

A shuttle service connects the airport and the city centre.

## ACCOMODATION

Book your hotel in Rennes directly on the dedicated platform:



### IDEAL ACCESS

— Direct flight s from Rennes

— High-speed train lines



Airport

..... Ferry crossings

