



**JEC LEADERSHIP
COMPOSITES CIRCLE
AUTO** The leadership
network for automotive

WE MAKE IT REAL!

Dear Friends,

The Composites Industry is at the Crossroads of its future. JEC believes that today more than ever, new forms of collaboration are needed to foster the rise of composites solutions. From OEMs, Tier's suppliers and with the support of the academic world we must move up with new and fresh approaches to collaborate and learn from each other through an organized networking program.

Our competition is not within the Composites Industry players. We need to look beyond and work in a collaborative approach to convince the end-users that composites are the materials of choice.

Whether we talk about new car architectures, new processes or new materials, there's always a voice to claim that composites can meet the challenge of placing the right material, for the right function at the right cost in a mass production constraint. But when will it happen?

That's exactly why we need a prospective approach involving all segments of the value chain from raw materials to end of life. The complete value chain must bring its contribution to meet this challenge.

Welcome to the Automotive Leadership Composites Circle, an international network of top decision makers, driven by their passion to make this happen in the automotive industry.

The event gathers each year more than 150 representatives of OEMs, Tier one companies, composites industry leaders, research & technical centres and official bodies which come to meet with their peer and future partners.

Let's build together a bright future for Composites!

Daniel Ageda
Secretary General & COO, JEC Group

Organized in partnership with:



Deloitte.



PURE MICHIGAN®

PROGRAM MONDAY MARCH 5TH, 2018

MOBILITY OF THE FUTURE

As a provider of mobility products and services, the OEMs are constantly in search of answers to the question: what will move us forward in the future? In the past, OEMs have already presented solutions for future individual mobility with ranges of cars and concept vehicles. Today, Composites are at the heart of the challenges to come. Discover trends and innovations that will make it real!

Host: Dean JOHNSON, Head of Innovation, Bandwidth, UK

18H30 WELCOMING THE GUESTS

19H00 WELCOME REMARKS

Daniel AGEDA

Secretary General and COO, JEC Group, France

Kevin KERRIGAN

Senior Vice President of the Automotive Office and Senior Automotive Adviser to the State of Michigan, Michigan Economic Development Corporation, USA

19H10 WILLIAMS

Iain BOMPHRAY

Chief Technology Specialist - Lightweight Structures

19H25 COMPOSITES IN THE AUTOMOTIVE SECTOR - OVERVIEW AND PERSPECTIVES

Guillaume Crunelle

Partner, Automotive Industry Leader, Deloitte, France

19H40 THE BEST OF JEC AWARDS : SEABUBBLE: ECO-FRIENDLY TRANSPORTATION IN BIO-BASED RESIN

Discover one of the nominees of JEC Innovation Awards, rewarding their excellence and their most innovative composite solutions.

SeaBubble is a new on-demand mobility solution for cities, offering passengers freedom, speed and safety, with no impact on the environment or the city's infrastructure. Composite materials were the solution of choice for the creation of the SeaBubble. Discover how a collaboration between Seabubble, Sicomin and DECISION S.A brought to life the most eco-friendly transportation, using bio-based resin with equivalent performance to a conventional resin.

Gregoire METZ

General Manager, DECISION, Switzerland

19H55 CARBON FIBER & COMPOSITES: A TREASURE FOR HUMANKIND

Presentation of NCC Automotive CFRTP Project, a global consortium of research centers and car manufacturers

Weight reduction of automobiles plays a key role of CO2 emission reduction and the employment of Carbon Fiber Reinforced Plastics (CFRP) is the most effective method. However, HP-RTM (High Pressure Resin Transfer Molding), a widely utilized processing method, is not fast enough to fabricate mass production car components. From this standpoint, the selected baseline technology is discontinuous carbon fiber reinforced thermoplastic composites (C-LFT-D: carbon - long fiber thermoplastic - direct) using press compaction. By adopting this processing method, components have been built in nearly a minute. Discover how the full chassis of a "Lotus Elise" was completely manufactured recently using such technology.

Takashi ISHIKAWA

Director of National Composite Center (NCC), Nagoya University, Japan

20H15 McLAREN AUTOMOTIVE: USING COMPOSITES TO BUILD WORLD-BEATING SPORTSCARS AND SUPERCARS

McLaren was the first company to introduce carbon fibre into Formula 1 in the early 1980s and has continued using composite material technologies to build high-performance sportscars and supercars at McLaren Automotive.

Hear about the soon to open McLaren Composites Technology Centre, the latest McLaren Automotive initiative in the field of composites, where the company will develop and manufacture its strong and lightweight carbon fibre chassis that are at the heart of its high performance road cars.

Jonathan CLEMENT

Head of Commercial Affairs - McLaren Composites Technology Centre

20H35 CONCLUSION - COATS

20H45 Q&A - NETWORKING COCKTAIL