

**Wednesday, May 5, 2021**

AM Session	Plenary & Keynote Session Chair: Mark Mikolaiczik NA Engineering Body Exterior Chief Engineer <i>Ford Motor Company</i>	PM Session	Product Introductions Session Co -Chairs: Carl Corman Chief Architect, <i>General Motors</i> Bertrand Hache Business Development Director <i>Plastic Omnium</i>
Time	Live Virtual Session	Time	Live Virtual Session
8:30 am	<b>The Latest Trends in the European Automotive Industry</b> Gianmarco Giorda Chief Executive Officer <i>ANFIA</i> Mario Ing. Padovani Managing Director <i>Baosteel Tailored Blanks</i>	1:00 pm	<b>New Peugeot 308 - 2<sup>nd</sup> Generation Thermoplastic Closure</b> Etiennes Feige <i>Stellantis</i> Bertrand Hache <i>Plastic Omnium</i>
9:00 am	<b>Automotive Sustainability with Steel – Moving towards Net-Zero emissions</b> Marcos Corradin Director <i>US Steel</i>	1:30 pm	<b>Utilizing Aluminum Tailored Blanks to Reduce Aluminum Liftgate Cost in the Audi e-tron</b> Isaac P. Luther <i>TWB</i>
9:30 am	<b>Evolving Aluminum Technology in Vehicle Closures</b> John P. McGuire Global Director Automotive, Commercial Transportation & Industrial Product Technology <i>Arconic</i>	2:00 pm	<b>New Ford MACH E Composite Closures</b> James Hoyt <i>Ford</i> Laurent Gillard <i>Plastic Omnium</i>
10:00 am	<b>Break</b>		
10:30 am	<b>Aluminum closures open the door to sustainability</b> Andreas Asfeth, PhD Technical Director <i>Constellium</i>	3:00 pm	<b>Break</b>
11:00 am	<b>Overview of Factory of the Future 4.0</b> Dhaval Sahija Enterprise Solutions Manager <i>Softweb Solutions</i>	3:30 pm	<b>Vehicle Closures - Lightweighting and cost effectiveness of Advanced High Strength 3rd Gen Steels</b> Harry Singh <i>US Steel</i>
11:30 am	<b>Q &amp; A – Panel Discussions</b>	4:00 pm	<b>New Bolt EUV Closures</b> Junghoon Shin, Eungsoon Park <i>General Motors</i>
12:00 pm	<b>Session Adjourned &amp; Break</b>	4:30 pm	<b>Adjournment</b>

**Thursday, May 6, 2021**

AM Session	Novel Materials & Manufacturing I Session Chair: Robert D. Miller Senior Manager Stellantis	PM Session	Novel Materials & Manufacturing II Session Co Chairs: Manikandan Babymony Senior Body Closure Engineer Hyundai Mike Sigelko Chief Architect General Motors
Time	Live Virtual Session	Time	Live Virtual Session
9:00 am	<b>Closure Sustainability Performance vs Selected Technology</b> Jean-Francois Prat <i>Plastic Omnium</i>	1:15 pm	<b>Manufacturing 4.0: Advanced Methods for Rapid Dynamic Production-line Validation and Troubleshooting</b> John Tyson, Yanni Psilopoulos, Justin Buciencki <i>Trillion</i>
9:30 am	<b>Agile Body Closures System Architecture for variation in Design targets by Design Thinking method</b> Vijayasathy Subramanian, Biju Kumar <i>GM-TCS</i>	1:45 pm	<b>Review of the Periodic Nature of Laser Cut Edge Striations</b> Charles Caristan, PhD, Maria Stepanova, Xiaochun Leng <i>Airliquide</i>
10:00 am	<b>2K Polyurethane for Structural and Semi-Structural Bonding of Automotive Closures</b> Timothy Blackford, Jerome Poilpre <i>PPG</i>	2:15 pm	<b>Joining process for mixed material vehicles including; Steels, Aluminum and Composites</b> Sullivan Smith <i>TWI Ltd</i>
10:30 am	<b>Break</b>	2:45 pm	<b>Break</b>
11:00 am	<b>7xxx Series HS Aluminum Door Beam</b> Don Whitacre <i>Novelis</i>	3:15 pm	<b>A review of joining processes used in volume production of vehicles with steel and Aluminum bodies</b> Sullivan Smith <i>TWI Ltd</i>
11:15 am	<b>Digital Integration of the Stamping and BiW Process Chains</b> Todd McClanahan, Natàlia Domínguez <i>AutoForm</i>	3:30 pm	<b>Advanced Aluminum Joining Solutions – I</b> Tim Hurley, Kyle Smith <i>Lincoln Electric</i>
11:45 am	<b>Industry 4.0 Formability: Introduction of Laser Etching to ARGUS Formability</b> Yanni Psilopoulos, Justin Buciencki, John Tyson <i>Trillion</i>	4:00 pm	<b>Advanced Aluminum Joining Solutions – II</b> Tim Hurley, Kyle Smith <i>Lincoln Electric</i>
12:15 pm	<b>Critical FEA Accuracy Improvements with Optical Metrology Inputs</b> Justin Buciencki, John Tyson, Yanni Psilopoulos <i>Trillion</i>	4:30 pm	<b>Adjournment</b>
12:45 pm	<b>Session Adjourned &amp; Break</b>		