Automotive Closures Conference & Expo (ACC 2020)
Advanced Laser Applications Conference (ALAC 2020)
September 23-24, 2020
www.gamcinc.com
(734) 997 – 9249

Virtual Sessions
Start time 10:00 AM (EST)
Waiting Room Opens 9:55 AM
Registration Open Now: ONLINE

Wednesday, September 23, 2020

AM Session	Plenary & Keynote: Advanced Vehicle Development **Session Chair: Carl Corman** Chief Architect *General Motors*	PM Session	Closures Introductions **Session Chair: Mike Sigelko** Chief Architect *General Motors*
Time	**Virtual Classroom**	**Time**	**Virtual Classroom**
10:00 am	**Welcome and Introduction** Carl Corman Chief Architect *General Motors*	3:30 pm	**2021 Bronco Door Design Strategy** David Burgess *Ford*
10:05 am	**Paul J. Belanger** Director, North American R&D Center *GESTAMP*	4:00 pm	**Composite space frame; structural reinforcement for automotive liftgates/tailgates** Riad Chaaya *Magna*
10:35 am	**Automotive Market Overview and Electrification with Low Cost, Light Weight Vehicle Structures** Marcos Corradin *United States Steel Corporation*	4:30 pm	**2020 Chevrolet Corvette Closure Systems** Ryan Cahill, Dresdan Gordon, Steve Resch, Kyle Smith, Lindley Berry *General Motors*
11:05 am	**Next Generation Aluminum for Automotive Closures** **J.P. McGuire** Global Director *Arconic Inc*	5:00 pm	**Break**
11:35 am	**Break**	5:15 pm	**Affordable Aluminum Door for High-Volume C-Segment SUVs** Richard Newton, Akshay Kulkarni *Novelis*
11:45 am	**Enabling Advanced Design in Closures - A Material Science Perspective** **Juliane Hefel** Corporate Vice President Automotive OEMs Americas *Henkel*	5:45 pm	**Kia Telluride Door System** Jewon Choi, Manikandan Babymony *Hyundai*
12:15 pm	**Building the Factory of the Future: Comau's Approach to Industry 4.0 and IoT** **Paolo Avagliano** Head of Digital Platform *Comau*	6:15 pm	**Q & A - Product Discussions**
12:45 pm	**Session Adjourned & Break**	6:45 pm	**Adjournment**

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Thursday, September 24, 2020

AM Session	**Technology Enabling System Optimization** **Session Chair: Manikandan Babymony** Senior Body Closure Engineer *Hyundai*	**PM Session**	**Manufacturing Methods & Systems** **Session Chair: Robert Miller** Senior Manager *Fiat Chrysler Automobiles*
Time	**Virtual Classroom**	**Time**	**Virtual Classroom**
9:00 am	**The Experimental Measurement of Suction Cups Release Time** Xiaowan Zheng, Wen Ma, Rong Wang, Xintong Gu, Lianxiang Yang, PhD *Oakland University*	12:15 pm	**High efficiency Laser-Cutting of Stainless-steel** Charles Caristan, PhD, Christophe Bertez, Maria Stepanova, Philippe Lefebvre *AirLiquide*
		12:45 pm	**Lasers' Growing Role in the Blanking Market** Jay Finn *LaserCoil Technologies LLC*
9:30 am	**Front End Integration With the aPLI** Benjamin Cote *General Motors*	1:15 pm	**Digital Image Correlation Applications for Materials Testing** John Tyson II, PE, Justin Bucienski, Andy Leonard *Trilion Quality Systems*
10:00 am	**Optical Methods for Closures Testing and Validation** John Tyson II, PE, Justin Bucienski, Andy Leonard *Trilion Quality Systems*	1:45 pm	**Break**
10:30 am	**Break**	2:15 pm	**CFD Simulations for Laser Welding of Aluminum Alloys** Paree Allu *Flow Science*
10:45 am	**Potential Roof Rail Air Bag Interaction with Inside Door Handles** Jeffrey L. Konchan, Darren VanHouzen *General Motors*	2:45 pm	**Evolution of Joining Technologies in Closures** Marc Auger *Coherent*
11:15 am	**Industry 4.0 Formability – Full Field Stamping Analysis** John "Yanni" Psilopoulos *Trilion Quality Systems*	3:15 pm	**Adjournment**
11:45 am	**Friction and lubrication modelling in stamping simulations: Application to the Ford Transit hood inner panel** Sanaz Berahmani, Johan Hol, Bart Carlee, Kidambi Kannan, Akshay Wankhede *AutoForm* Gurkan Erol, Cem BİLGİLİ *Ford*		