

Automotive Closures Conference (ACC 2020)

September 23- 24, 2020

www.gamcinc.com

(734) 997 – 9249

Laurel Manor
39000 Schoolcraft Road
Livonia, Michigan 48150
Registration: 8:30am – 9:00am

Wednesday, September 23, 2020

AM Session	Plenary & Keynote: Advanced Vehicle Development Session Chair: Edward Sizen Director <i>General Motors</i>	PM Session	Closures Introductions Session Co-Chairs: Carl Corman Chief Architect <i>General Motors</i> Trent Bozzo Senior Engineer <i>Honda</i>
Time		Time	
9:00 am	Welcome and Introductions Edward Sizen <i>General Motors</i>	1:30 pm	Hyundai Presentation Manikandan Babymony <i>Hyundai</i>
9:15 am	Automotive Market Overview and Electrification with Low Cost, Light Weight Vehicle Structures Marcos Corradin <i>United States Steel Corporation</i>	2:00 pm	2020 Chevrolet Corvette Closure Systems Ryan Cahill, Dresdan Gordon, Steve Resch, Kyle Smith, Lindley Berry <i>GM</i>
9:45 am	J.P. McGuire Global Director <i>Arconic Inc</i>	2:30 pm	Ford Presentation
10:15 am	Break	3:00 pm	Break
10:30 am	Honda Presentation	3:15 pm	2020 Passport Closures Review Trent Bozzo <i>Honda</i>
11:00 am	Toyota Presentation	3:45 pm	Toyota Presentation Madhan Ramaswami <i>Toyota</i>
11:30 am	GM Presentation	4:15 pm	FCA Presentation
12:00 pm	FCA Presentation	4:45 pm	Adjournment
12:30 pm	Session Adjourned & Lunch		

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Thursday, September 24, 2020

AM Session	Technical Session Session Chair: Manikandan Babymony Senior Body Closure Engineer <i>Hyundai</i> Madhan Ramaswami Senior Manager <i>Toyota</i>	PM Session	Technical Session Session Chair: Mike Sigelko Global Chief Architect <i>General Motors</i>
Time		Time	
9:00 am	Friction and lubrication modelling in stamping simulations: Application to the Ford Transit hood inner panel Sanaz Berahmani, Johan Hol, Bart Carlee, Kidambi Kannan <i>AutoForm</i> Gurkan Erol, Cem BİLGİLİ <i>Ford</i>	1:45 pm	High efficiency Laser-Cutting of Stainless-steel Charles Caristan, PhD, Christophe Bertez, Maria Stepanova, Philippe Lefebvre <i>AirLiquide</i>
9:30 am	Industry 4.0 Formability – Full Field Stamping Analysis John “Yanni” Psilopoulos <i>Trilion Quality Systems</i>	2:15 pm	Digital Image Correlation Applications for Materials Testing John Tyson II, PE, Justin Buciencki, Andy Leonard <i>Trilion Quality Systems</i>
10:00 am	Digital Integration of the Stamping and BiW Process Chains Todd McClanahan, Werner Teufel, Natàlia Domínguez <i>AutoForm Engineering</i>	2:45 pm	Potential Roof Rail Air Bag Interaction with Inside Door Handles Jeffrey L. Konchan, Darren VanHouzen <i>General Motors</i>
10:30 am	Break	3:15 pm	Break
10:45 am	Optical Methods for Closures Testing and Validation John Tyson II, PE, Justin Buciencki, Andy Leonard <i>Trilion Quality Systems</i>	3:30 pm	A case study in door design using 780XG3 Third Generation Steel Harry Singh <i>US Steel</i>
11:15 am	2K Polyurethane for Structural and Semi-Structural Bonding of Automotive Closures Timothy Blackford, Jerome Poilpre <i>PPG</i>	4:00 pm	Evaluating various AHSS with GM quick LME weld test Rick Wolf <i>US Steel</i>
11:45 am	Front End Integration With the aPLI Benjamin Cote <i>General Motors</i>	4:30 pm	Affordable Aluminum Door for High-Volume C-Segment SUVs Richard Newton, Akshay Kulkarni <i>Novelis</i>
12:15 pm	Laser applications in E-Mobility Ray Ponder <i>TRUMPF</i>	5:00 pm	Development of Measurement Method for Releasing Time of the Suction Cups, Xiaowan Zheng, Wen Ma, Rong Wang, Xintong Gu, Lianxiang Yang, PhD <i>Oakland University</i>
12:45 pm	Session Adjourned & Lunch	5:30 pm	Adjournment