GDS — May 19, 2021

Time EST	TRACK 1	TRACK 2	TRACK 3		
7:45 AM	VIRTUAL EVENT OPENS				
8:00 - 8:15 AM	NETWORKING WITH PEERS & SPONSORS, VIRTUAL EXHIBITS				
8:15 - 9:15 AM	INTRODUCTION AND AUTOMOTIVE EXCELLENCE AWARD John Catterall, Vice President, AISI Automotive Program AUTOMOTIVE KEYNOTE: THE MOST EXCITING TIME IN THE AUTO INDUSTRY John McElroy, Host, Autoline.TV STEEL KEYNOTE: STEEL COMPANY OF THE FUTURE Dr. Gregory Ludkovsky, Vice President of ArcelorMittal, CEO Global Research and Development				
9:15 - 9:30 AM		BREAK			
9:30 - 10:30 AM	2021 FORD MUSTANG MACH-E Mark Mikolaiczik, Ford Motor Company	INVESTIGATION OF RESISTANCE SPOT- WELDING FOR 3 RD GEN AHSS: WELDING QUALITY AND PERFORMANCE Hassan Ghassemi-Armaki, ArcelorMittal & Kevin Teng, General Motors on behalf of Auto/Steel Partnership	INTEGRATED BATTERY AND OCCUPANT PROTECTION BODY-IN-WHITE CONCEPT USING TAILORED BLANKS Gagan Tandon, ArcelorMittal		
	2021 CHEVROLET TRAILBLAZER Youngtaeck Kim, General Motors	PRACTICAL METHODS FOR AVOIDANCE OF LIQUID METAL EMBRITTLEMENT IN RESISTANCE SPOT WELDS OF AHSS Christoph Boehne, University of Paderborn	NEW ADVANCEMENTS OF COLD FORMING TRB® AHSS Markus Zoernack, Mubea		
0:30 - 10:45 AM		BREAK			
10:45 - 11:45 AM	2021 CADILLAC ESCALADE Jeff McCormick, General Motors	COMBINATION BEAD IMPACT ON SPRINGBACK D.J. Zhou, on behalf of Auto/Steel Partnership and Kidambi Kannan, AutoForm	EFFICIENT STEEL BUMPER SYSTEMS DESIGN Stuart Brown, on behalf of the AISI Bumper Team		
	STEEL E-MOTIVE: VEHICLE STRUCTURES FOR AUTONOMOUS MAAS George Coates, WorldAutoSteel & Neil McGregor, Ricardo Automotive and Industrial Division	UNIQUE FORMABILITY CHARACTERISTICS OF THE LASER WELDED BLANK OF AHSS Hyunok Kim, EWI	MAXIMIZING LIGHTWEIGHTING IN STEEL AUTOMOTIVE BODIES AND FRAMES WITH STEEL TUBE AIR FORMING Ryuichi Funada, Sumitomo Heavy Industries		
11:45 AM - 12:45 PM	LUNCH/VIRTUAL EXHIBITS				
12:45 - 2:15 PM	2021 ACURA TLX Jeremy Lucas, Honda	LASER PROCESS MODIFICATION TO REDUCE CRATER CRACKING IN ZN COATED 3 RD GEN AHSS Hassan Ghassemi-Armaki, ArcelorMittal and Eduardo Zuniga, Ford Motor Company	DEVELOPMENT OF A TAILOR WELDED HOT STAMPED SIDE FRAME Michael Worswick, University of Waterloo		
	VIRTUAL DESIGN AND VALIDATION OF 3 RD GEN 980 AND 1180 MPA B-PILLARS Cliff Butcher, University of Waterloo	MULTI SPOT LASER JOINING APPLICATIONS IN BODY-IN-WHITE Oleg Raykis, Laserline	NEW GENERATION OXIDATION RESISTANT PRESS HARDENED STEELS Sarah Tedesco, General Motors		
	PROCESS CONSIDERATIONS FOR NIOBIUM IN A TRIP-ASSISTED DP STEEL Matt Enloe, CBMM North America	REPAIRABILITY OF 3RD GEN AHSS Sriram Sadagopan, ArcelorMittal on behalf of Auto/Steel Partnership	ADVANCEMENTS IN GMAW TECHNOLOGY FOR IMPROVED SILICATE PERFORMANCE Taylor Dittrich, The Lincoln Electric Company and Anthony Nagy, PPG		
2:15 - 2:30 PM	BREAK				
2:30 - 3:30 PM	FRACTURE DETECTION IN THE VDA 238-100 TIGHT RADIUS BEND TEST FOR AUTOMOTIVE STEELS Jacqueline Noder, University of Waterloo	THE DIC REVOLUTION IN MATERIAL PROPERTY CHARACTERIZATION Dr. Thomas Stoughton, General Motors on behalf of Auto/Steel Partnership	LASER HEAT TREATING OF AUTOMOTIVE DIES FOR IMPROVED QUALITY AND PRODUCTIVITY Aravind Jonnalagadda, Synergy Additive Manufacturing and Brian Timmer, Autodie		
	EFFECTS OF AHSS GAUGE AND PUNCH RADIUS IN THREE-POINT BENDING Kenneth Cheong, University of Waterloo on behalf of Auto/Steel Partnership	A NEW TESTING METHOD FOR EVALUATING EDGE CRACKING OF AHSS Hyunok Kim, EWI	DEVELOPMENT OF TABLETOP SLIDING TRIBOMETER FOR TOOLING OPTIMIZATION D.J. Zhou, on behalf of Auto/Steel Partnership		
			NETWORKING WITH PEERS & SPONSORS, VIRTUAL EXHIBITS		
3:30 - 4:30 PM	NETWOR	I KING WITH PEERS & SPONSORS, VIRTUAL	EXHIBITS		