

Advanced Laser Applications Conference (ALAC 2018)

Proceedings Volume 29

Livonia, Michigan, USA
23 - 24 May 2018

ISBN: 978-1-5108-8198-3

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57 Morehouse Lane
Red Hook, NY 12571



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Wednesday, May 23, 2018

AM Session	Plenary & Keynote: Design, Technology, and Safety Roadmap Session Chair: Bob Muzichuk Director General Motors	PM Session	Advanced Application Engineering Session Chair: Mike Klos General Manager IPG Photonics
Time	Room VT550	Time	Room VT460
9:00 am	Bob Muzichuk Director General Motors	1:30 pm	h O # Brandon Reinhold Comau
9:15 am	Perspectives on Crash Safety Nand Kochhar Chief Engineer Ford	2:15 pm	Taking Remote Laser Welding to The Next Level with Seam Tracking Scott Heckert II-VI HIGHYAG
9:45 am	Find New Roads: Advanced Design Perspectives Jeff Nield Design Manager General Motors	2:45 pm	Flexible and Efficient Blanking with Lasers Jay Finn LaserCoil
10:15 am	Break	3:15 pm	Break
10:45 am	Latest Advancements in Aluminum Body Sheet Materials for Closures Bruno Schepers Director of Innovation Centers Aleris	3:45 pm	Real Time Laser Weld Depth Measurement Paul Webster IPG Photonics
11:15 am	Generation 3 Steels – Solutions to Shifting Automotive Trends and Improved Passenger Safety Marcos Corradin Director of Marketing US Steel	4:15 pm	Closure Displays Discussion and Q&A 
11:45 am	Low Weight Body Sealing Innovation Andre Guellec Vice President Hutchinson Sealing Systems		
12:30 pm	Session Adjourned & Lunch	5:00 pm	Adjournment & Leave for TRUMPF Sponsored by: 



Thursday, May 24, 2018

AM Session	Novel Processes & Applications Session Chair: Ralf Kimmel General Manager TRUMPF	PM Session	Manufacturing Processes Session Chair: Robert Miller Senior Manager Fiat Chrysler Automobiles James Truskin Technical Fellow Fiat Chrysler Automobiles
Time	Room VT460	Time	Room VT550
9:30 am	Laser Welding of Copper and Aluminum Using IR Fiber Lasers Eric Stiles IPG Photonics	1:30 pm	Highly Productive 3D Laser Processing and Assembly of Closures V Markus Remm JENOPTIK
10:00 am	BrightLine Weld-Spatter Reduced High Speed Welding with Disk Lasers Tracey Ryba TRUMPF		
10:30 am	IPG Lasers in Ablation & Cleaning Michael Nardozi IPG Photonics	2:00 pm	Quality Requirements and Real Time Monitoring for Laser Butt Welding of AlSi Coated Hot Stamped Steel V Shawn Devaraj ArcelorMittal
		2:30 pm	Technologies for Manufacturing Lightweight Closures V Giacomo Gandini Comau
11:00 am	Break	3:00 pm	Break
11:30 am	High Power Diode Laser @ Wolfgang Todt, Oleg Raykis Laserline	3:30 pm	Flange Length Optimization – Application & Case Studies Using Resistance Projection Welding of Closures V Marc Auger ARPLAS USA
12:00 pm	Metal Additive Manufacturing Case Studies Frank Geyer TRUMPF	4:00 pm	Current Laser Applications and Trends in Doors and Closures V Oleg Raykis, Wolfgang Todt Laserline
12:30 pm		4:30 pm	Adjournment & Leave for IPG 
12:30 pm	Session Adjourned & Lunch		