



**Pre-Show Event: TUESDAY, SEPTEMBER 10**

	Aluminum Automotive Design Seminar Room 101	Casthouse Safety Workshp Room 101 AB	
<b>10:30am - 11:15am</b>	The Aluminum Association: Automotive Design Seminar Day 1	The Aluminum Association: Casthouse Safety Workshop Day 1	
<b>11:30am - 12:15pm</b>			
<b>12:15pm - 1:15pm</b>	Lunch		
<b>1:15pm - 2:00pm</b>	The Aluminum Association: Automotive Design Seminar Day 1	The Aluminum Association: Casthouse Safety Workshop Day 1	
<b>2:15pm - 3:00pm</b>			
<b>3:15pm - 4:00pm</b>			

**Pre-Show Event: WEDNESDAY, SEPTEMBER 11**

	Aluminum Automotive Design Seminar (Room 101)	Casthouse Safety Workshop (Room 101AB)	Nissan Plant Tour <i>(By Invite Only)</i> 520 Nissan Powertrain Dr., Decherd, TN
<b>10:00am - 10:45am</b>	The Aluminum Association: Automotive Design Seminar Day 2	The Aluminum Association: Casthouse Safety Workshop Day 2	Tour Starts: 9:00 - 11:00am
<b>11:00am - 11:45am</b>			Lunch
<b>1:00pm - 3:00pm</b>	Lunch		Tour Resumes: 12:00 - 2:00pm
<b>1:15pm - 2:00pm</b>	The Aluminum Association: Automotive Design Seminar Day 2	The Aluminum Association: Casthouse Safety Workshop Day 2	
<b>2:15pm - 3:00pm</b>			
<b>3:15pm - 4:00pm</b>			



**THURSDAY, SEPTEMBER 12**

	AEC EDU 2019 101 A/B/C/D/E	ALU USA Conference Learning Theater 1	ALU USA Conference Learning Theater 2
<b>10:00am - 5:00pm</b>	<b>ALUMINUM Show Floor Open</b>		
<b>10:15am - 10:45am</b>	<b>Aluminum Extruder Council Extrusion Design University (EDU) 2019</b>  For details on registering or to see the full schedule. <a href="#">click here.</a>	<b>Welcome Remarks</b>	<b>Achieving Strip-Edge Dryness for Maximum Yield, Product Quality and Cost Savings</b> Grant Shoebridge David Parkin
<b>11:00am - 12:00pm</b>		<b>Global Foil Markets - Growth and Sustainability</b> Stefan Glimm (GLAFRI)  <b>Panel Members:</b> Göksal Güngör, GLAFRI Brad Thomas, Granges Americas André Barten, Achenbach Buschhütten	<b>Industrial Market Forecast: Global Spending Aluminum</b> Joe Govreau, IIR-Industrial Info Resources
<b>12:00pm - 12:45pm</b>		LUNCH	<b>Global Perspectives: A Discussion with Association Leaders</b> Joe Quinn
<b>1:00pm - 1:45pm</b>		<b>Industry 4.0 Panel with Future Aluminum Forum and Aluminum Int'l Today</b> 1:00 – 2:00pm	<b>The 2020 Aluminum Design Manual</b> Randy Kissell, Trinity Consultants
<b>2:00pm - 2:45pm</b>		<b>Industry 4.0 Panel Meet &amp; Greet</b>	<b>Sustainability and Partnership within the Aluminum Industry</b> Ryan Holton, Rio Tinto
<b>3:00pm - 3:45pm</b>		<b>Cross-site Data Integration, Unification, Exchange</b> Michael F. Peintinger, PhD, Quinlogic LLC	<b>Aluminum Association Members Innovation Panel 1: Creating a Stronger Industry Workforce</b>
<b>4:00pm - 4:45pm</b>		<b>The Benefits of Protecting Aluminum Alloys with Chromium-Free Coatings</b> Dante Battocchi, PhD, NDSU	<b>Automotive Surface Inspection during Aluminum Extrusion</b> Tom Campbell, ISRA PARSYTEC GmbH



<b>FRIDAY, SEPTEMBER 13</b>			
	AEC Sales & Marketing 101 A/B/C/D/E	Learning Theater 1	Learning Theater 2
<b>10:00am - 3:00pm</b>	<b>ALUMINUM Show Floor Open</b>		
<b>10:15am - 11:00am</b>		<b>Industry 4.0 - Transitioning from Reactive to Proactive Quality Assurance</b> Michael F. Peintinger, PhD, QuinLogic LLC	<b>Emerging Issues, Regulatory Trends, and Key Challenges for Environmental Permitting and Compliance in the Aluminum Sector</b> John Colbrook, Trinity Consultants Henk van der Meyden, Arconic
<b>11:15am - 12:00pm</b>		<b>Accelerating Alloy Design and Process Optimization through Computational Thermodynamics</b> Paul Mason, Thermo-Calc Software	<b>Aluminum Association Members Innovation Panel 2: Optimization through Strategic Outsourcing</b>
<b>12:00pm - 1:00pm</b>	<b>Lunch</b>		
<b>1:00pm - 1:45pm</b>		<b>LIFT Thermo-Mechanical Process Innovations for Advanced Aluminum Alloys - Part 1 &amp; 2</b>  <b>Part 1: On-site Impact Welding of Advanced Aluminum Alloys to Themselves or Dissimilar Pairs</b> Professor Glenn Daehn	<b>Effective Use of Oxy-fuel Combustion in Aluminum Reverberatory Furnaces</b> Russell Hewertson, Combustion Applications, Air Products
<b>2:00pm - 2:45pm</b>		<b>Part 2: Al-Li ICME Forging Innovation and Low Cost Al-Si MMCs</b> Professor Alan Luo	<b>Not All Glass is the Same - Glass for Smelters</b> Jane MacPherson, MacPherson Company