

## Joint Panel Meeting – Welding Technology and Workforce Development

Cleveland, OH

August 13-14, 2019

### Joint Session Agenda

August 13, 2019

*Lincoln Electric Facility*

Time	Presentation	Speaker
7:30AM	Shuttle Pick Up	
8:00AM	Introduction/ Welcome	Chris Mapes - CEO
	<ul style="list-style-type: none"> <li>ATI Overview</li> </ul>	Frances Pearce
	<ul style="list-style-type: none"> <li>Welding Technology Update</li> </ul>	Paul Hebert
	<ul style="list-style-type: none"> <li>Workforce Development Update</li> </ul>	Ryan Lee
9:00AM	Panel Breakout Sessions <ul style="list-style-type: none"> <li>Welding Technology Panel</li> <li>Workforce Development Panel</li> </ul>	
<b>10:00AM</b>	<b>Break</b>	
10:15AM	Panel Project Presentations	
	<ul style="list-style-type: none"> <li>Build Your Future (BYF): Shipbuilding &amp; Ship Repair Works!</li> </ul>	Audrey Kennedy
	<ul style="list-style-type: none"> <li>Weld Sequence Modeling Software Interface Development</li> </ul>	T. D. Huang
	<ul style="list-style-type: none"> <li>Miniature Torch Speed Sensor Based Adaptive Manual Arc Welding</li> </ul>	YuMing Zhang
<b>11:45AM</b>	<b>Lunch (provided)</b>	
12:30PM	Other Technical Presentations	
	<ul style="list-style-type: none"> <li>Lincoln's involvement with shipyard training and further development of programs</li> </ul>	Jason Scales
	<ul style="list-style-type: none"> <li>High Strength Thin Material</li> </ul>	Badri Narayanan
	<ul style="list-style-type: none"> <li>Industry Wide Apprentices Program</li> </ul>	Jason Scales
2:30PM	Lincoln Electric Tour <ul style="list-style-type: none"> <li>Waveform first 15 minutes</li> <li>Welding Technology and Training Center – 60 minutes</li> <li>Machine R+D (WTTTC) – Data/Sequencer, AI, Hyperfill</li> </ul>	
<b>4:30</b>	<b>Adjourn</b>	

## Joint Panel Meeting – Welding Technology and Workforce Development

Cleveland, OH

August 13-14, 2019

August 14, 2019

*Lincoln Electric Facility*

Time	Presentation	Speaker
7:30AM	Shuttle Pick Up	
8:00AM	Introduction/Day Two Agenda Overview	Paul Hebert
8:15AM	Panel Project Presentations	
	<ul style="list-style-type: none"> <li>High Penetration Dynamic Buried Arc Welding</li> </ul>	Nick Kapustka
	<ul style="list-style-type: none"> <li>State of Workforce Development in Alabama</li> </ul>	Josh Laney
	<ul style="list-style-type: none"> <li>High Deposition Robotic Arc Additive Manufacturing Process Development</li> </ul>	Dennis Harwig
	<ul style="list-style-type: none"> <li>SCA Workforce Development Partnership</li> </ul>	Joe Connor
<b>10:15AM</b>	<b>Break</b>	
10:30AM	Other Technical Presentations	
	<ul style="list-style-type: none"> <li>True Energy</li> </ul>	Theresa Melfi
	<ul style="list-style-type: none"> <li>Virtual Reality Weld Training</li> </ul>	Denise Sirochman
	<ul style="list-style-type: none"> <li>Paperless Weld Records</li> </ul>	Megan Brinker
<b>12:00PM</b>	<b>Lunch (provided)</b>	
1:00PM	Lincoln Electric Tour	
	<ul style="list-style-type: none"> <li>Automation Division Introduction (30 minutes)</li> </ul>	Gary Konarska
	<ul style="list-style-type: none"> <li>Automation Build Floor tour/Rotations</li> </ul>	
	<ul style="list-style-type: none"> <li>Application engineering (automation) Rotations</li> </ul>	
	<ul style="list-style-type: none"> <li>Laser – PEMA (15 minutes)</li> </ul>	Kyle Smith
	<ul style="list-style-type: none"> <li>TopTig (15 minutes)</li> </ul>	Brian Simons
	<ul style="list-style-type: none"> <li>Arc Products – Mechanized (15 minutes)</li> </ul>	Justin Calugar
	<ul style="list-style-type: none"> <li>Hi Dep Metal Core (15 minutes)</li> </ul>	Jason Connor
<ul style="list-style-type: none"> <li>Fume (15 minutes)</li> </ul>	Paul Hannen	
	<ul style="list-style-type: none"> <li>Additive Manufacturing (60 minutes)</li> </ul>	Mark Douglass
<b>4:00</b>	<b>Adjourn</b>	