Conference Schedule

7:15 - 8:15 AM

REGISTRATION | CHECK-IN | BREAKFAST
EXHIBITION-NETWORKING

8:15 - 8:30 AM

WELCOME | INTRODUCTIONS [ROOM 126]
Welcome from CES President, **David Oshins** | CTSC Honor Juniors

8:30 - 9:00 AM

MORNING KEYNOTE [ROOM 126]
Timothy Offtermatt, Rock & Roll Hall of Fame
"Matching Capital Realities with Today's Construction Needs"

9:15 - 10:15 AM

MORNING PANELS

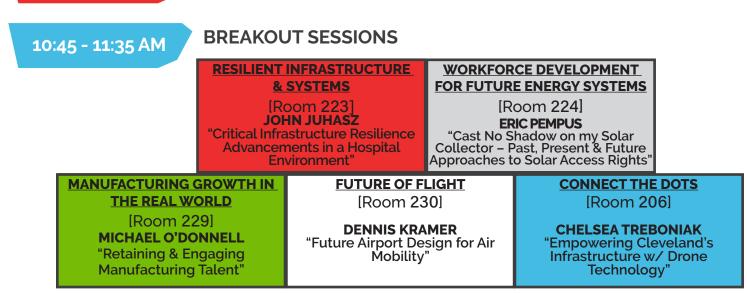### Air Mobility & Drone Critical Infrastrucuture [ROOM 126]

Moderator: **Howard Thompson** (Manufacturing Works)
Chelsea Treboniak (Critical Ops)/**Stuart Mendel** (Baldwin Wallace)
Ren Camacho (Akron-Canton Airport)

Reimagining Brownfield: Unlocking Value with AI and Smart Manufacturing [ROOM 206]

Moderator: **Greg Orloff** (IIoT World)
John Dyck (CESMII) / **Ryan Cahalane** (Axiom Manufacturing Systems)
Patrick Gaughan (Axiom Manufacturing Systems)

10:15 - 10:45 AM

MORNING BREAK | EXHIBITION-NETWORKING
[1ST & 2ND FLOOR ATRIUMS]

10:45 - 11:35 AM

BREAKOUT SESSIONS

RESILIENT INFRASTRUCTURE & SYSTEMS	WORKFORCE DEVELOPMENT FOR FUTURE ENERGY SYSTEMS
[Room 223] **JOHN JUHASZ** "Critical Infrastructure Resilience Advancements in a Hospital Environment"	[Room 224] **ERIC PEMPUS** "Cast No Shadow on my Solar Collector – Past, Present & Future Approaches to Solar Access Rights"

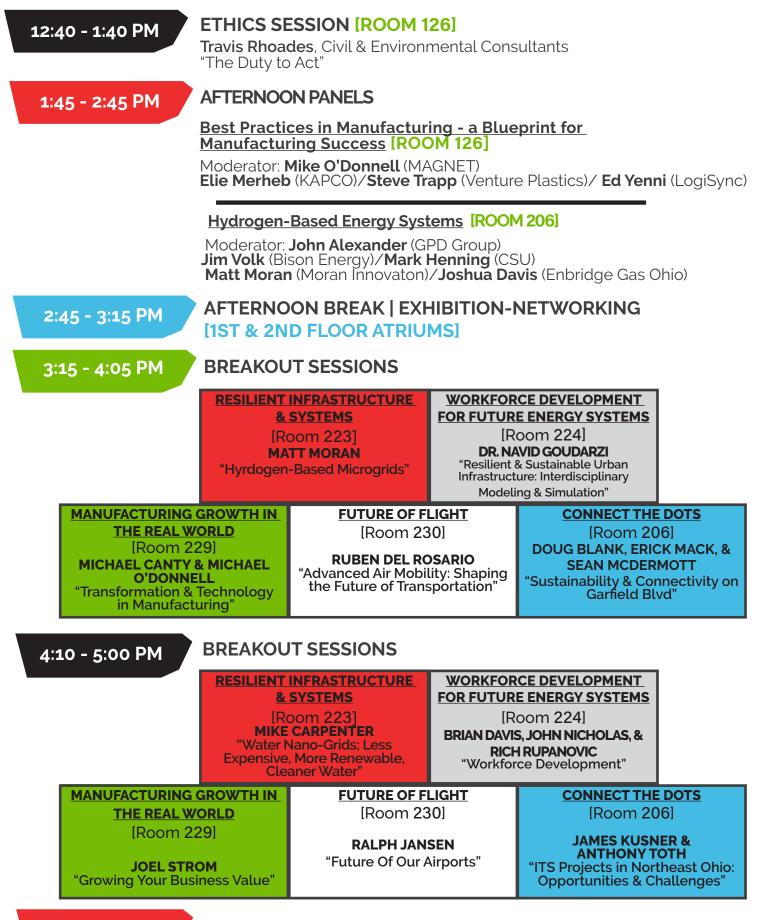| MANUFACTURING GROWTH IN THE REAL WORLD	FUTURE OF FLIGHT	CONNECT THE DOTS
[Room 229] **MICHAEL O'DONNELL** "Retaining & Engaging Manufacturing Talent"	[Room 230] **DENNIS KRAMER** "Future Airport Design for Air Mobility"	[Room 206] **CHELSEA TREBONIAK** "Empowering Cleveland's Infrastructure w/ Drone Technology"

11:40 AM - 12:30 PM

LUNCH | EXCELLENCE AWARDS | AFTERNOON KEYNOTE
[ROOM 126]
Sheldon Wray, Lincoln Electric
"130 Years Strong: How Lincoln Electric Navigates Uncertainty Through Innovation and the Golden Rule"

12:40 - 1:40 PM

ETHICS SESSION [ROOM 126]

Travis Rhoades, Civil & Environmental Consultants
"The Duty to Act"

1:45 - 2:45 PM

AFTERNOON PANELS

Best Practices in Manufacturing - a Blueprint for Manufacturing Success [ROOM 126]
Moderator: **Mike O'Donnell** (MAGNET)
Elie Merheb (KAPCO)/**Steve Trapp** (Venture Plastics)/ **Ed Yenni** (LogiSync)

Hydrogen-Based Energy Systems [ROOM 206]
Moderator: **John Alexander** (GPD Group)
Jim Volk (Bison Energy)/**Mark Henning** (CSU)
Matt Moran (Moran Innovaton)/**Joshua Davis** (Enbridge Gas Ohio)

2:45 - 3:15 PM

AFTERNOON BREAK | EXHIBITION-NETWORKING
[1ST & 2ND FLOOR ATRIUMS]

3:15 - 4:05 PM

BREAKOUT SESSIONS

RESILIENT INFRASTRUCTURE & SYSTEMS [Room 223] MATT MORAN "Hyrdogen-Based Microgrids"	WORKFORCE DEVELOPMENT FOR FUTURE ENERGY SYSTEMS [Room 224] DR. NAVID GOUDARZI "Resilient & Sustainable Urban Infrastructure: Interdisciplinary Modeling & Simulation"

MANUFACTURING GROWTH IN THE REAL WORLD [Room 229] MICHAEL CANTY & MICHAEL O'DONNELL "Transformation & Technology in Manufacturing"	FUTURE OF FLIGHT [Room 230] RUBEN DEL ROSARIO "Advanced Air Mobility: Shaping the Future of Transportation"	CONNECT THE DOTS [Room 206] DOUG BLANK, ERICK MACK, & SEAN MCDERMOTT "Sustainability & Connectivity on Garfield Blvd"

4:10 - 5:00 PM

BREAKOUT SESSIONS

RESILIENT INFRASTRUCTURE & SYSTEMS [Room 223] MIKE CARPENTER "Water Nano-Grids; Less Expensive, More Renewable, Cleaner Water"	WORKFORCE DEVELOPMENT FOR FUTURE ENERGY SYSTEMS [Room 224] BRIAN DAVIS, JOHN NICHOLAS, & RICH RUPANOVIC "Workforce Development"

MANUFACTURING GROWTH IN THE REAL WORLD [Room 229] JOEL STROM "Growing Your Business Value"	FUTURE OF FLIGHT [Room 230] RALPH JANSEN "Future Of Our Airports"	CONNECT THE DOTS [Room 206] JAMES KUSNER & ANTHONY TOTH "ITS Projects in Northeast Ohio: Opportunities & Challenges"

5:00 - 6:30 PM

SPONSOR/EXIBITOR TEAR DOWN