

2018 PEI Manufacturing Symposium

Advancing Porcelain Enameling into Industry 4.0

Thursday 10-18-18 Registration, Board of Directors and Annual Membership Meetings

- 12:00 PM – 3:00 PM MFG Symposium Registration
- 3:00 PM – 5:00 PM PEI Board Meeting – Glenn Pfenndt (A. O. Smith - PCD)
Anti-trust Guidelines Review - Bill O’Bryan (Butler Snow)
Secretary’s report – Cullen Hackler (PEI)
Treasurer’s report – Michael Cukier (Whirlpool Corporation)
2018 YTD performance
2018 YTD Raymond James Fund performance
24th IEI Congress financial results
Committee reports
Annual Meeting – Cullen Hackler (PEI)
Environmental – Jack Waggener (AECOM)
Marketing/Membership – Brittany Voss (A. O. Smith Corporation)
Technical Affairs – Charles Baldwin (Ferro Corporation)
Unfinished Business
2019 Tech Forum Proceedings
B2B “on the road”
China Enamel Exhibition (12/8/18)
New Business
2019 Preliminary Budget
Future PEI office space – lease vs. own
2019 and 2020 MFG Symposia – site selection
Adjourn
- 5:00 PM – 5:30 PM PEI Membership Business Meeting – Jeff Robenson (Drennan/Ronalco)
Election of 2019 Officers and Directors
Other Institute business
President’s Remarks – Jeff Robenson (Drennan/Ronalco)
- 6:30 PM – 9:30 PM Group Reception and Dinner

Friday 10-19-18 Manufacturing Symposium and Spouse Program

Spouse Tour and Lunch

- 9:00 AM – 12:00 PM TBA
- 12:00 PM – 1:00 PM TBA

Manufacturing Symposium

- 7:15 AM – 8:15 AM Continental Breakfast
- 8:30 AM – 8:45 AM Welcome and Introductions – Jeff Robenson (Drennan/Ronalco)

8:45 AM – 9:45 AM	<p>Advanced Analytics with “on-machine” Artificial Intelligence – Steve Marshall (Rockwell Automation)</p> <p>Steve is the Global Engineering and Technology Leader for Rockwell Automation’s Engineered Solutions Business. Rockwell Automation supplies custom designed automation systems for almost all industries. These range from metals, mining, automotive, life sciences, food & beverage, transportation petrochemical and general Infrastructure.</p> <p>Prior to joining Rockwell Automation 10 years ago, Steve worked in various roles in companies that range from metals manufacturer, metals machine builder, EPC and commercial OEM manufacturer. He has worked throughout the world on large complex Engineering projects. Steve has a BS degree in Electrical & Electronic Engineering from Strathclyde University in Glasgow, Scotland.</p> <p>Lately we often hear about our newly connected world and how IOT/Industry 4.0 will revolutionize the manufacturing world. Assuming we can access all the new information/data, the prospect of making use of the data is daunting. He will discuss advancements in technology that take advantage of Artificial Intelligence that can be deployed at various levels in the overall control architecture. By deploying AI at the machine layer (Edge) it is possible to interrogate live streaming machine data and make real time analysis with both predictive and prescriptive outcomes.</p>
	
9:45 AM – 10:15 AM	TBA
10:15 AM – 10:30 AM	Break
10:30 AM – 11:00 AM	Challenges in Implementing Industry 4.0 – Michael Cukier (Whirlpool Corp.)
11:00 AM – 11:30 AM	Cybersecurity and Industry 4.0 - TBA
11:30 AM – 12:30 PM	Economic Issues Facing US and Global Manufacturers - Chris Kuehl (Armada Executive Intelligence)
12:30 PM – 1:30 PM	Lunch
1:30 PM – 2:00 PM	Environmental Compliance Issues and Updates for the PE Industry - Jack Waggener (URS Corporation)
2:00 PM – 2:30 PM	Leveraging the Sustainability and Environmental Responsibility of Porcelain Enamel – Set-up and Group Brainstorming – Cullen Hackler (PEI)
2:30 PM – 3:15 PM	Small Group Brainstorming
3:15 PM – 3:30 PM	Break
3:30 PM – 5:00 PM	Small Group Brainstorming and Summary Reporting on Potential Initiatives for PEI in 2019 and Beyond
6:30 PM – 10:00 PM	President’s Awards Reception and Banquet

Saturday 10-20-18 Social Activities and Free Time

- 7:30 AM – 8:30 AM Breakfast (on your own)
- 9:00 AM – 2:00 PM Golf, tennis, spa, etc.
- 9:00 AM – 6:00 PM Free time to enjoy the Sonesta Beach Resort and Hilton Head
- 6:00 PM – 9:00 PM Dinner - we will have several restaurant suggestions for small groups, etc.
(Please note that this dinner is “on your own” and not a PEI group function)

Sunday 10-21-18 Free Time and Departures

Free time to enjoy the amenities of the Hilton Head Island, SC area