

2021 SFSA Fall Leadership Meeting – Business Sessions

<i>Speaker</i>	<i>Bio</i>	<i>Topic</i>
<p>Max Falcone <i>PushCorp, Inc.</i></p>	<p>Maximiliano Falcone has over 20 years of automation experience, ten years with a large automotive system integration firm, and over five years as a key senior management team member of a major robot OEM. He has extensive practical field knowledge of large international system installations especially pertaining to metal finishing, welding, assembly, machine vision and robotic guidance. He has managed major automation projects in Canada, China, Germany, Mexico and the USA. Mr. Falcone holds two patents relative to the fields of robotic guidance and welding. He has a Bachelor of Science in Mechanical Engineering and Masters of Science in Product Development from the University of Detroit-Mercy.</p>	<p>Automated Material Removal There are many elements that must be assembled in an automated material removal project for it to be successful. Of paramount importance are the robot, force control unit, rotary motor and abrasive media. Today there are many different options in the industry, but how does one choose between the various options? This session focuses on the different types of automated systems and share a real world examples of a recent material removal project successfully using the latest automation technology here in North America.</p>
<p>Rod Eggert <i>Colorado School of Mines</i></p>	<p>Rod Eggert is Viola Vestal Coulter Foundation Chair in Mineral Economics at Colorado School of Mines, where he has taught since 1986. He also is Deputy Director of the Critical Materials Institute, an energy innovation hub (research consortium, led by the Ames Laboratory) established by the U.S. Department of Energy in 2013 to accelerate innovation in energy materials.</p>	<p>Critical Raw Materials and Manufacturing Supply Chains Manufacturing supply chains have become increasingly fragmented geographically over the last several decades – the result of lower transportation costs, improved communications technology, and regimes for international trade that encouraged the location of supply-chain stages where costs are lowest. In some cases, however, the benefits of lower costs have come at the cost of increased supply-chain risks. This talk explores supply chains for rare earths, magnets and motors, as well as for battery raw materials and advanced batteries.</p>
<p>Peter Macler <i>Peter Macler & Associates</i></p>	<p>Peter Macler is a licensed Professional Engineer, who has held executive positions with Pettibone Corporation’s Beardsley and Piper Division, Lukens Steel’s Simplicity Engineering Division, and Acme-Cleveland Corporation’s Shalco Systems Division. He has owned and operated a gray and ductile iron foundry. He has visited nearly 1000 foundries, while traveling in 41 countries, and has worked on foundry projects in the USA, Canada, Mexico, Australia, China, Russia, Japan, Korea, Poland, Czech Republic, England, Germany, Chili, India, Saudi Arabia, Bangladesh, Dubai, and Qatar. He has designed Steel, Iron, Brass and Copper, Aluminum, and Magnesium Foundries, serving the Aerospace, Automotive, Nuclear, Department of Defense, Mining, Marine, and Agricultural Industries.</p>	<p>Applied CapEx Planning and Management Effective CapEx Planning is vital to evaluate and prioritize money spent to purchase or upgrade facilities, equipment, technology, or property. Using CapEx Planning as part of your overall business planning will help assure that opportunities and strategies are clearly defined, including projected revenues, expenses, and profits. This presentation will provide an overview of the purpose and key elements of CapEx Planning and Management.</p>

<p>Joe Pickard <i>Institute of Scrap Recycling Industries (ISRI)</i></p>	<p>Joseph Pickard serves as the Chief Economist and Director of Commodities at The Institute of Scrap Recycling Industries, Inc. in Washington D.C., where he conducts research and analysis on commodity and scrap market developments and the key economic role that recycling plays both in the U.S. and abroad. Pickard previously served as economist for the International Copper Study Group in Lisbon, Portugal and as a research analyst at Slayton & Associates. He holds an M.A. in Economics from Virginia Tech, a B.A. in Political Science from Loyola University Maryland and also studied at George Mason University and KU Leuven in Belgium.</p>	<p>Scrap and Commodity Markets Joe will provide an overview of the key factors impacting commodity and ferrous scrap markets including drivers of domestic and overseas demand, scrap availability and substitutes, and pricing trends. He will also provide an update on scrap industry developments and the outlook for commodities and the industry going forward.</p>
<p>Skip & Martha Guimond <i>Guimond & Associates</i></p>	<p>Skip and Martha Guimond are safety and environmental consultants that have worked with foundries and steel mills for more than 40 years. They are experts in assisting plants in meeting OSHA safety and health as well as state and federal EPA regulations, developing engineering control programs, and developing training and compliance programs. They have served as expert witnesses for industry and have been instrumental in determining what engineering controls are feasible in the foundry industry for both OSHA and clients.</p>	<p>Skip and Martha will discuss the current news and trends in safety and environmental compliance, what lies ahead for 2022, and available compliance resources.</p>