AGENDA

13 MONDAY, APRIL 13th

5:30 PM VIP Cocktail Reception (Invitation Only)
• Venue: Commerce Club, located at top of One Liberty Square, downtown Greenville
  Sponsor: NAI Earle Furman

14 TUESDAY, APRIL 14th

All events (except for Awards Luncheon) held in Exhibit Hall Conference Room. Awards Luncheon held in Exhibit Hall Luncheon Room.

7:45 AM Registration and Refreshments

8:30 AM Conference Welcome
• Speaker: Grady Johnson
  - President and Group Publisher, SC Biz News, Charleston, SC

8:45 AM Keynote Welcome
• Keynote Speaker: TBA
  Sponsor: Upstate Chamber Coalition

9:30 AM Cyber-Threats and the Future of Security for Manufacturers
Topic Summary: As computing becomes more sophisticated and integrated into the manufacturing process, so does the potential for hackers to penetrate manufacturing systems and intellectual property. The panel will explore the current challenges facing IT departments and new ideas for cyber security in manufacturing.

• Session Chair: Michael McGrath
  - Consultant and Senior Technical Advisor at Analytic Services, Reston, VA
• Panelist: Keith Stoufer
  - Mechanical Engineer, Intelligent Systems Division, at NIST (National Institute of Standards and Technology), Gaithersburg, MD
• Panelist: John Toomer
  - Director of Intelligence, Information and Cyber Systems at Boeing, Washington DC
  Sponsor: Palmetto Security Group

10:45 AM Venture Capital and Creating Ecosystems for Manufacturing Start-ups
Topic Summary: Many small to medium-sized manufacturers have difficulty finding funding programs to bridge the gap from R&D to commercialization due to long-term return on investment, risk, and many other factors. The discussion will give an overview of established programs and explore existing and future funding models.

• Session Chair: Bill Mahoney
  - Chief Executive Officer, SCRA Applied Technologies, Columbia, SC
• Panelist: Robert Browning
12:00 PM Salute to Manufacturing Awards Luncheon
A number of excellence awards, including the prestigious Silver Crescent Award, will be handed out to South Carolina manufacturers at this annual luncheon. This award recognizes exemplary manufacturing operations, which demonstrate superior performance in seven categories, including: Citizenship, Employee Engagement, Customer Satisfaction, Environmental Stewardship, Innovation, Financial Performance and Longevity Plan.

- Emcee: Tom Crabtree
  - News anchor at WSPA-TV, 7 on Your Side, CBS affiliate, Spartanburg, SC
- Keynote Speaker: Nikki Haley, Governor, South Carolina

Presenting Sponsor: United Community Bank
Other Sponsors: Aerotek, Bridgestone, Haynsworth Sinkler Boyd, QBS (Quality Business Solutions), Wood Group Mustang

2:00 PM Challenges and Opportunities for Next-Generation Manufacturing
Topic Summary: Customers’ design and quantity requirements are increasingly pushing suppliers into flexible manufacturing systems that allow transition from large-scale production to small runs and back again. The presenter will discuss opportunities presented by today’s manufacturing challenges to profitably determine the path of products and process innovation.

- Presenter: Tom Kurfess
  - Professor and HUSCO/Ramirez Distinguished Chair in Fluid Power and Motion Control at the Georgia Institute of Technology, Atlanta, GA
  - Former Assistant Director for Advanced Manufacturing, Office of Science and Technology Policy, Executive Office of the President of the United States.

Topic Summary: Manufacturing success in the future will increasingly rely upon international coordination and cooperation in research and development between governments and other entities. The presenter will outline some existing models for international cooperation and coordination.

- Presenter: Dan Nagy
  - Managing Director, Inter-Regional Secretariat at Intelligent Manufacturing Systems (IMS), Arlington, VA.

Sponsor: Skyline Exhibits

3:15 PM Digital Manufacturing and The Future of Long-Term Data Retention
Topic Summary: Traditional product timelines from R&D to production are lengthy and capital intensive. The presenter will explore innovations in digital manufacturing strategies to reduce the time and cost of producing complex systems and parts, strengthen the supply chain and reduce acquisition costs.

- Presenter: Dean Bartles
  - Executive Director, Digital Manufacturing & Design Innovation Institute at UI Labs, Chicago, IL

Topic Summary: As manufacturers design and plan on digital platforms, international standards for data storage and retrieval need to be established to mitigate data loss due to future obsolescence of IT systems. This session explores the need to create a system that has the staying power of paper blueprints.

- Presenter: Don Hemmelgarn
  - Sr. Executive VP, International Technegroup, ITI, Inc., Milford, OH

Sponsor: ECPI University
4:30 PM  The State of Manufacturing in South Carolina
• Keynote Speaker: Bobby Hitt, Secretary of Commerce, South Carolina
  - Sponsor: South Carolina State Chamber of Commerce

5:00 PM  Press Conference
Location: GSA Business, WSPA-TV, 7 On Your Side Media Center, Exhibit Floor

5:15 PM  Cocktail Reception
Location: Exhibit Floor

WEDNESDAY, APRIL 15th
All events held in Exhibit Hall Conference Room

7:30 AM  Conference Opens
• Registration, Networking, Continental Breakfast

8:00 AM  Creating a Skilled Workforce
Topic Summary: Manufacturers throughout South Carolina continue to struggle to find qualified employees to fill myriad of open positions. High school seniors are increasingly beginning to make manufacturing their career choice. However, the gap between available jobs and available homegrown talent remains significant. Panelists will explore ways to close that gap.

• Moderator: Chris William, Executive Producer, Carolina Business Review
• Panelist: Jimmie Williamson, President, SC Technical College System, Columbia, SC
• Panelist: Dr. Keith Miller, President, Greenville Technical College
• Panelist: Henry Giles, President, Spartanburg Community College
• Panelist: Cheryl Stanton, Executive Director, SC Dept. of Employment & Workforce
• Panelist: Molly Spearman, State Superintendent of Education, South Carolina
  Sponsors: A.T. Locke, Furman University, The Palmetto Bank, QBS (Quality Business Solutions), WSPA, 7 On Your Side

9:45 AM  Keynote: Update on Center for Manufacturing Innovation
• Keynote Speaker: Dr. Keith Miller, President, Greenville Technical College
  Sponsor: Ten at the Top

10:30 AM  Supply Chains of the Future
Topic Summary: Many global supply chains are not equipped to cope with a future where the relative advantage of manufacturing locations can change quickly. Some innovative manufacturers are preparing themselves by splintering their existing supply chains into smaller, nimble ones to manage higher levels of complexity and reconfiguring their manufacturing footprints as hedges against uncertainty. The panel will look at how leaders are preparing today to get more from their supply chains in an uncertain future.

• Moderator: Grady Johnson, President and Group Publisher, SC Biz News
• Panelist: Peter Straub
  - Executive Director, South Carolina Applied Research Center for Supply Chain and Logistics, Summerville, SC
• Panelist: David Stieren
  - Technical Manager, Program Development, NIST (National Institute of Standards and Technology), and Hollings Manufacturing Extension Partnership, Gaithersburg, MD
• Panelist: Alfred Haas
  - Dept. Mgr., Material and Transportation Control, Delivery Assurance, BMW Manufacturing Co., Greer, SC
  Sponsor: Charleston Southern University

LUNCH ON YOUR OWN

1:15 PM  Opportunities in Additive Manufacturing
Topic Summary: The U.S. Department of Energy anticipates that, compared to today’s ‘subtractive’ manufacturing processes, additive processes will reduce energy use by more than 50 percent. Combined with shorter lead times, mass customization, reduced parts count, more complex shapes, parts on demand, and less material waste, it’s no wonder that additive manufacturing is generating interest. Experts in the field will give the latest insights on how additive manufacturing will impact small to large manufacturers.
Wednesday, April 15th (continued)

2:30 PM  Additive Manufacturing Demonstration
- Presenter: Kevin Hunter, President, Simplified Office Systems, Columbia, SC

3:00 PM  The Future of Intellectual Property for Manufacturers
Summary: Some products which formerly were manufactured physical products are now being sold in digital form, with no manufacturing required. The “internet of things,” the “open-source” movement and the proliferation of 3D printing are producing an increased need for manufacturers of all kinds to secure returns from assets by paying more attention to IP issues. The panel will discuss this evolving playing field and look at ways to protect assets and take advantage of new business opportunities

- Session Chair: Natalie Corrella
  - Executive Vice President, Contracts & Compliance, SCRA, Summerville, SC
- Panelist: Jason Allen Jennings
  - Attorney, Dority & Manning, P.A., Greenville, SC
- Panelist: Douglas Kim
  - Attorney, McNair Law Firm, P.A., Greenville, SC

4:15 PM  The Future of Manufacturing in South Carolina
- Keynote Speaker: Pete Selleck, Chairman and President, Michelin North America, Greenville, SC

5:00  Press Conference
Location: GSA Business, WSPA-TV, 7 On Your Side Media Center, Exhibit Floor

5:15 PM  Cocktail Reception
Location: Exhibit Floor

Other Conference Events

Monday
Manufacturing Tours - Tour BMW manufacturing facility.

Tuesday
Greenville Technical College Advanced Manufacturing Job Fair

Tuesday & Wednesday 8:00 AM – 5:00 PM
Exposition for Manufacturing Suppliers, presented by ATS Logistics and Chote Construction.
- Other sponsors: Charleston Southern University, Konica Minolta Business Solutions, Skanska, CEC (Custom Equipment Company)

Tuesday & Wednesday
Workshops, provided by AME (Association for Manufacturing Excellence)

Wednesday
SCRA High School Career Fair