



2022 ANNUAL TECHNICAL CONFERENCE / COMMITTEE MEETING SCHEDULE

April 24-26, 2022

Clearwater Beach Marriott Suites
on Sand Key, Clearwater Beach, FL



Technical Conference / Committee Meeting

Sunday, April 24

5:00 p.m. – 6:00 p.m. Registration and Reception

7:00 p.m. – 9:00 p.m. Dinner

Monday, April 25

7:00 a.m. – 8:00 a.m. Breakfast

8:00 a.m. – 12:00 p.m. Technical Conference

Afternoon Golf or at Leisure

Tuesday, April 26

7:00 a.m. – 8:00 a.m. Breakfast

8:00 a.m. – 12:00 p.m. Technical Conference / Committee Meeting

Afternoon Golf or at Leisure

Questions regarding registration should be directed to the MCAA Meetings Department. (301) 990-2217 or by email eventregistration@mcaa.org

CONFERENCE SCHEDULE

Monday, April 25

8:30 – 9:30 a.m.



Speaker: Chris Brown, President, and owner of Legacy Heat Treatment

Title: The Hidden Dangers of Heat Treatment

Abstract: What are the reasons for heat treating welded joints? Methods, applications, and consequences of improper heat-treatment. The presentation will include several examples of what to look for when heat-treating and how owners can protect themselves from poor heat treatment.

Bio: Chris Brown has 25 years of experience in the Heat Treatment industry working predominantly in the refinery and power markets. He started his career with Cooperheat as a Field Technician and became the vice president of East Coast and Midwest regions for Superheat spending over 21 years there. He is now the President and owner of Legacy Heat Treatment.

9:35 – 10:20 a.m.



Speaker: Gary Lewis, President, Lewis Reliability Resources

Title: Supply Chain Chaos and Its Impact in Welding

Abstract: Our industry is beset by the chaos surrounding the Global Supply Chain. Its more complex than most people appreciate. Logistics, Labor and Materials availability, Suppliers in general, Subject Matter Expertise, Contract implications, Pricing, Scheduling and Business Processes themselves all severely impact our ability to execute projects, whether New Construction, Maintenance or Repair.

Expect the unexpected when it comes to planning and budgeting. Gary will share highlights from a recent Welding Industry virtual workshop he hosted for the American Welding Society, and tie in specific case histories in welding, heat treatment and fabrication. He'll offer insight to solutions and resources that may be helpful in your circumstances, for problem solving and contingencies

Bio: Gary is a 1982 Industrial Engineering graduate from Georgia Tech and President of Lewis Reliability Resources. As President and Owner of LRR, he is now utilizing his diverse and extensive background in Technology, Innovation and Leadership integrating resources in Engineering, Facility Life Management, Failure Analytics, Heat Treatment, Welding, Material Science, NDE, Fabrication, Specialty Coatings and Alternative Energy. He began his career in the Air Compressor Group of Ingersoll-Rand Company where he held increasing responsibility over a 20-year span. Mr. Lewis joined Miller Electric in 2000 as the Director of Business Development tasked to establish a Direct Channel for Pipe Industry Sales and Product Development. In 2006 Gary joined Superheat FGH, the leader in Field Heat Treatment Services as Global Director of Business Development and Innovation. Gary is a member of AWS, ASME, ASM and the Institute of Industrial Engineers.

CONFERENCE SCHEDULE

Monday, April 25

10:30 – 11:30 a.m.



- Speaker:** Chris Herzog, Business Unit Manager Orbitalum North America
- Title:** How IoT improves ROI: Three Ways Technology Can Improve Your Welding Business
- Abstract:** How technology can be used to improve your orbital welding quality, productivity, and reliability, in the field or fab-shop.

Bio: Chris Herzog is the North American Business Unit Manager for Orbitalum Orbital Cutting + Welding, a Division of ITW. A twelve year orbital welding industry specialist, Chris has overseen the development, launch and continued growth of the Orbitalum welding products. by applying the proven methodology of the ITW Toolbox, including Customer Back Innovation driven by Voice of the Customer (VOC) feedback. Chris helped develop and bring to market advanced industry-leading solutions for “high purity” cutting, facing and orbital welding applications, including the new OM 180 SmartWelder power supply, and its connectivity solutions, that have revolutionized the modern job-site. Chris is a lifelong Chicago resident, he enjoys traveling, motor sports, and spending time with friends and family.

Tuesday, April 26

8:00 – 9:00 a.m.



- Speaker:** Robert Derby, Training Specialist, Administrator of Certification Programs with the UA
- Title:** Safe Pressure Testing of Piping Systems
- Abstract:** Pressure Testing is a regular part of work performed in the piping trades and can also be one of the most dangerous. Join the discussion to learn how pressure testing can be performed safely to avoid catastrophic outcomes that can occur during a failure and how the UA and MCAA are working together to make this process safer for our members.

Bio: Bob Derby completed his Steamfitter apprenticeship at Local 174, West Michigan, in 1998. He began teaching welding as a part-time instructor in 1999 and had the honor of helping to set up his local’s training center as an Authorized Testing Facility for the UA Welder Certification Program, becoming the first ATR for Local 174. During his career, Bob was given the opportunity to serve in leadership as a foreman, general foreman, superintendent, and project manager. When given the opportunity to serve as a full-time instructor at Local 174, he gladly accepted. That roll led to the position of training director for the local. He earned the credentials of AWS-CWI in 2006 and served many QA/QC rolls for local contractors and Local 174 thereafter. In 2012, Bob began teaching ATR and CWI courses for the UA, regionally and at Instructor Training Program. He continued teaching part-time until fall 2021, when he became a training specialist for the United Association International Training Fund.

CONFERENCE SCHEDULE

Tuesday, April 26

9:00 – 10:00 a.m.



Speaker: Todd Liebbe, President, GTP Services, LLC

Title: Building the Digital Manufacturing Fab Shop

Abstract: Transforming manufacturing with advanced digital tools is well underway with contractors using STRATUS. With built in Advance Packaging contractors can now take their design and issue it to manufacturing. Once issued, STRATUS enables digital spooling, advance nesting and cutting routines. With integrations of 5-axis pipe cutting devices, Tigerstops, and robotic welders it allows contractors to make significant gains in productivity in their fabrication/manufacturing facilities.

Bio: Todd Liebbe has 30 years in the mechanical construction market. An Iowa State University graduate of Construction Engineering, Todd began his career at QuickPen, was Vice President at Quote Software and started Get the Point where he was instrumental in designing the innovative solution for layout. This software was purchased by Autodesk in 2012 and is now known as Autodesk BIM 360 Point Layout. Creating STRATUS, a construction manufacturing and logistics solution, with GTP Service's great development team is his current passion. Todd also assists Autodesk with the Skilled Trades Program.

10:00 – 12:00

Technical Committee Meeting

Agenda

1. Chapter Report / Inquires
2. General discussion
3. Elections
4. Chapter Operations- **Sperko**
 - QG 106 Compliance
 - NCPWB and Code Compliance
 - Chapter Secretaries' Duties



BIO: Walter J. Sperko, P.E., has extensive experience in welding engineering, metallurgical engineering, design, failure analysis, and quality assurance. He is Chairman of ASME Boiler code Standards Committee IX, Welding, Brazing and Fusing Qualifications and a member of several of its subgroups; Past chairman of ASME Committee B31.9, Building Services Piping and a member of the B31 Standards committee. He has been Technical Consultant for the National Certified Pipe Welding Bureau since 1986.