Aerospace Manufacturing and Automated Fastening (AMAF)
Technical Co-Chairs

Jeffrey D. Morgan
Senior Principle Engineer, EME
The Boeing Company

In this position, Jeff currently leads research projects for development of materials and manufacturing processes for Electromagnetic Effects Systems on next generation commercial composite aircrafts. He has been actively involved with certification test programs for the 787 EME design.

In his 25 years at the Boeing Company, Jeff has been responsible for supporting many manufacturing technology development efforts within Boeing Commercial Airplanes including metal forming, metal and composite machining, large component assembly and manufacturing process automation.

Jeff holds a bachelor degree in Manufacturing Engineering Technology from Brigham Young University. He has been involved with SAE Aerospace Manufacturing Technology Conference (AMTC) for the past 7 years. Jeff has presented a paper and has chaired several technical sessions involving metal fabrication processes.

Dan Thurnau
Manufacturing Research and Development Engineer
Spirit AeroSystems, Inc., Wichita, KS

Dan began work at Boeing-Wichita in 1986 as a Manufacturing Research & Development (MR&D) engineer. Since then, he has supported and assisted in the development of a number of assembly processes, including drilling, fastening, and the initial implementation of the ATA (DA) assembly process in Wichita. Dan led a number of hole making teams, including the Division Drill Team and serving as the Wichita representative on the Boeing Improved Hole Making team.

Dan served as an MR&D manager supporting the Lot Tim/Sub-Assembly group for 5 years and in 2001 began working in MR&D new program development. This included work on the Sonic Cruiser and initial 7E7 programs. Following the divesture of the Boeing-Wichita commercial division in 2005, Dan continued working at the newly formed Spirit AeroSystems. Dan is currently supporting Spirit 787 Section 41 Automated Drilling and Fastening, Sikorsky CH-53K drilling and fastening, and additional non-Boeing projects.