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BIO:

Dr. Patrick Hammett is the Manager of the Manufacturing Systems Group for the Automotive Analysis Division for The University of Michigan's Transportation Research Institute. His primary research involves data analysis methods to support the validation phase of new product development with an emphasis on the usage of 3D non-contact measurement technology systems. Dr. Hammett has published several papers on applications of this technology. Among his other areas of interest are dimensional engineering, tolerance adjustment methods, and functional build manufacturing validation strategies. Among his main past research sponsors are General Motors, Ford, Chrysler, Visteon, and Harley Davidson.

Dr. Hammett is also the Co-director of The University of Michigan College of Engineering's Six Sigma program and teaches related Quality and Statistical Analysis Method courses in the Industrial and Operations Engineering Department. As lead instructor for live and online Six Sigma training, he has taught over 9000 students across different manufacturing and service versions of Green Belt, Black Belt, and Design for Six Sigma courses.

Outside his University work, Dr. Hammett is president of Manufacturing Validation Solutions, a small dimensional engineering and 3D metrology services company. He also is a founder and owner of a Six Sigma statistical analysis software company, QETools.

Dr. Hammett has a Ph.D. from the University of Michigan and a Bachelor of Science degree in Industrial Engineering from Purdue University. Prior to joining the University of Michigan, Pat worked for General Motors.