
Editorial

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Biographical notes: Dr. Lidong Wang got the Associate Professor qualification in the Department of Manufacturing Engineering at Beijing University of Aeronautics and Astronautics in June, 1998. Since 2000, he has conducted research in University of South Carolina, Ohio State University, and Mississippi State University. He finished several projects supported by DoD, NASA, FAA, etc. His current research interest in Mississippi State University is numerical analysis, digital manufacturing, and automatic identification of cracks, etc.

Digital manufacturing is an initiative to define every aspect of the design-to-manufacture process digitally. The foundation of digital manufacturing is built upon an open data management platform that can support multiple disciplines, including product design, analysis, manufacturing, data sharing and communication, etc. Digital manufacturing relies on advanced technologies such as CAD, real time 3D simulations, CAM, PDM, and CAPP, etc. The papers published in the special issue *Digital Manufacturing* include topics such as CAD/CAE/CAM, CMM (Coordinate Measurement Machine), rapid prototyping, manufacturing systems based on the Internet, etc. We hope these papers are helpful in fostering digital manufacturing and therefore help manufacturers improve manufacturing efficiency and quality of products.