



TEXAS A&M
Institute of
Data Science

Texas A&M Institute of Data Science Seminar Series

Digital Twins: Driving 21st Century Transformation



Digital Twins are the implementation of moving work from the physical world into the virtual world. Digital Twins are intended to both replace and mirror the events of physical world and provide a probabilistic window into the future. By substituting information for wasted physical resources, Digital Twins drive more effective and efficient decisions. Digital Twins are being proposed and considered for a wide variety of industries and many aspects of human activity. Critical to the adoption and success of Digital Twin is understanding what Digital Twins and their virtual environment are, their use over the entire lifecycle of their physical counterparts, and their potential and challenges. If Digital Twins continue their current trajectory, they promise to transform not only industries but many aspects of society at large.

Michael Grieves, Ph.D

Chief Scientist,
Executive Director,
Digital Twin Institute

Date: Monday, October 30th, 2023

Time: 2:00 – 3:00 pm, US Central Time

Online: 998 4499 3279 (ID) & 724615 (PWD)

Faculty host: Jian Tao, PVFA/TAMIDS

Biography

Dr. Michael Grieves is an internationally renowned expert on digital twins, a concept he originated, and Product lifecycle Management (PLM), a discipline he wrote the seminal book for. Dr. Grieves has over five decades of executive, board, and technical experience in both global and entrepreneurial technology and manufacturing companies. He has consulted and done research at some of the top global organizations (NASA, Boeing, GM, Unilever) and has served as a senior executive and board member at both Fortune 1000 companies and entrepreneurial organizations. Dr. Grieves is a frequent keynote speaker globally. He was the keynote speaker for ANNSIM and the Holst Memorial Award speaker in 2022. Academically, he has had appointments and has done research and/or taught at the University of Michigan, Purdue University, and University of Iowa. He currently has an appointment at the University of Central Florida. Dr. Grieves has a BS Computer Engineering from Michigan State, and MBA from Oakland University, and his doctorate from Case Western Reserve University.

You can also click this link to join the seminar <https://tamu.zoom.us/j/97496884861?pwd=Y2ZRERyMU1EY1A2d2ZNS1JQTDlxdz09>.



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For more information about TAMIDS seminar series, please contact Ms. Jennifer South at jsouth@tamu.edu