

Opening session NSE Conference, Dec. 6, 2018

Dawn Tilbury



Dr. Dawn Tilbury is the assistant director for the Directorate for Engineering (ENG) at the National Science Foundation (NSF). The ENG Directorate supports engineering research and education critical to the nation's future and fosters innovations that benefit society.

Tilbury comes to NSF from the University of Michigan (U-M), where she is a professor of mechanical engineering and served as associate dean for research in the College of Engineering. As associate dean, Tilbury led the development of interdisciplinary research teams to advance both large- and small-scale projects. A professor at U-M since 1995 in both mechanical and electrical engineering, Tilbury has a background in systems and control engineering. As the first chair of the Robotics Steering Committee at U-M, she identified and capitalized on opportunities to advance robotics research at the university. In 2016, the U-M Board of Regents approved a \$75 million building for research and teaching facilities, including laboratories for walking and flying robots and autonomous cars. She has written or co-authored more than 60 peer-reviewed papers, reports, book chapters and books, and holds a patent with two other researchers for logic controllers for machining systems.