

# Smarter Skies, More Resilient Systems: The Future of Commercial Aviation

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Michael Todd joined the UC San Diego Structural Engineering Department in 2003 after a seven-year career at the U.S. Naval Research Laboratory that culminated in his leading the Fiber Optic Smart Structures section. He has published more than 350 journal papers, conference proceedings, and reports, and holds 6 patents in the research areas described above. With partners at Los Alamos National Laboratory, Professor Todd helped create the country's first graduate degree program in structural health monitoring, damage prognosis, and validated simulations in the Jacobs School. Among his many honors, Todd received the 1999 Alan Berman NRL Publication Award, the 2003 and 2004 NRL Patent Award, the 2005 Structural Health Monitoring Person of the Year Award, and the 2021 Structural Health Monitoring Lifetime Achievement Award. He is a 2004-2005 UC San Diego Hellman Fellow and a 2005 Von Liebig Entrepreneurship award winner. He serves as the Managing Editor of the leading structural health monitoring journal, *Structural Health Monitoring: An International Journal* and serves on the editorial board of the *Journal of Civil Structural Health Monitoring*.



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