

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

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Ella Atkins

Fred D. Durham Professor

Kevin T. Crofton Aerospace and Ocean
Engineering Department at Virginia Tech

Dr. Ella Atkins was previously a Professor in the University of Michigan's Aerospace Engineering and Robotics Departments. Dr. Atkins holds B.S. and M.S. degrees in Aeronautics and Astronautics from MIT and M.S. and Ph.D. degrees in Computer Science and Engineering from the University of Michigan. She is an AIAA Fellow and private pilot. She has authored over 300 refereed journal and conference papers. Dr. Atkins pursues research in AI-enabled autonomy and control to support resilient autonomy in manned and unmanned Aerospace applications with a focus on Advanced Air Mobility and Uncrewed Aircraft Systems (UAS). She is Editor-in-Chief of the AIAA Journal of Aerospace Information Systems (JAIS).



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