



# OTTAWA CONFERENCE ON SECURITY AND DEFENCE

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## JANE PINELIS

Chief AI engineer

[Johns Hopkins University's](#)

Jane Pinelis currently serves as the chief AI engineer of the Applied Information Sciences Branch at Johns Hopkins University's Applied Physics Laboratory (JHU/APL). She leads a diverse group of AI scientists and analysts in the development, assurance, and integration of AI capabilities. Her leadership extends to the formulation of cutting-edge assurance-specific products and stringent standards designed to fortify testing of AI-driven systems across the multifaceted landscape of the U.S. Department of Defense (DOD).

Dr. Pinelis holds a BS in statistics, economics, and mathematics, an MA in statistics, and a PhD in statistics, all from the University of Michigan, Ann Arbor. Prior to her current role, she served as the inaugural chief of AI assurance at the Chief Digital and Artificial Intelligence Office (CDAO) and the Joint Artificial Intelligence Center (JAIC) at the DOD, where she oversaw the test and evaluation (T&E) and responsible AI (RAI) directorates. Her career has largely focused on operational T&E, both in support of the service operational testing commands and at the Office of the Secretary of Defense level.



In addition to Dr. Pinelis' positions at the CDAO and JAIC, prior leadership roles include serving as the inaugural T&E director on Project Maven, managing the test science team that supports the Office of the Director of Operational Test and Evaluation (DOT&E), and leading the design and analysis of the highly publicized study on the effects of integrating women into combat roles in the Marine Corps during her assignment at the Marine Corps Operational Test and Evaluation Activity.