

Dr. Scott Douglass earned a PhD in cognitive psychology (Advisor: John R. Anderson) from Carnegie Mellon University. Scott has been a civilian scientist in AFRL for 14 years. Scott is currently a Senior Cognitive Scientist with the Aerospace Systems Directorate, Control Systems Branch. Scott is leading 6.1 to 6.3 programs in a portfolio developing agile mission planning and contingency management capabilities for autonomous platforms. Scott's current research interests are: a) formal context and problem domain modeling; b) problem solving as SAT/SMT model checking; c) multi-criteria decision analysis; d) conditional preferences; and e) approximate SAT solving using neuromorphic computing devices.