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Adapting to Shorter Time Cycles: A Workshop Series for the USAF

Proposed Schedule/Speakers for Workshop 3

Virtual Conference

October 1-2, 2020

Focus of Workshop #3: discuss implications to doctrine, concept of operations, and command and control of recent acceleration of battle space operations, arising from wide-scale digitization, large-scale sensing, and faster technologies - attempt to characterize a general framework for adapting to fundamental changes in the “time constants of conflict.”

Day 1: Thursday, October 1st

1015-1030ET

Workshop 3 Introduction

- Ms. Deborah Westphal, Workshop 3 Chair

Remarks

- Lt Gen Hinote, Deputy Chief of Staff for Strategy, Integration and Requirements

1030-1045 ET

1045-1145 ET

“Accelerating JADO”

- Col Doug “Cinco” DeMaio, USAF, recently retired from position of Deputy Director LeMay Center for Doctrine Development and Education

1145-1200 ET

Break

1200-1300ET

“Improvement in Meeting Critical National Security Needs”

- Gen Bruce Carlson USAF (ret.) Commander, Air Force Materiel Command, Director of the National Reconnaissance Office

1300-1400 ET

“Quantum Technology for National Defense”

- Dr. Paul Lopata, USAF (ret.), Principle Director for Quantum Science in the Office of the Under Secretary of Defense for Research and Engineering

1400-1500 ET

Lunch Break

1500-1600 ET

“Intelligent Robots in Surgery and Infectious Disease Crises”

- Prof Russ Taylor, John Malone Professor, Computer Science with joint appointments in Radiology, Mechanical Engineering and Surgery Director, Laboratory for Computational Sensing and Robotics Director, NSF Engineering Research Center for Computer-Integrated Surgical Systems and Technology

1600-1700 ET

“The Pace of Change in AI”

- Dr. Matt Turek, Program Manager, DARPA Information Innovation Office (I2O)



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1700-1730 ET Open Discussion-What did we hear?

Day 2: Friday, October 2nd

1000-1015 ET **Day 1 Recap and Day 2 Introduction**
➤ Ms. Deborah Westphal, Workshop 3 Chair

1015-1115 ET **“Have Transformational Thinking and Architectures Used Speed as An Objective?”**
➤ Mr. John Stenbit, Board of Directors Viasat, former Assistant Secretary of Defense of Networks and Information Integration / Department of Defense Chief Information Officer

1115-1215 ET **“Why Quantum Matter Will Matter?”**
➤ Mr. Bo Ewald, President & CEO Cold Quanta, Inc.

1215-1300 ET **Lunch Break**

1300-1400 ET **“Speed and Disaster Management: Achieving Outcomes in Time to Make a Difference”**
➤ Mr. David Kauffman, Vice President for Safety and Security CNA Corporation

1400-1500 ET **“AI, AI adoption, and its Impact”**
➤ Dr. Jill Crisman, Technical Director for Artificial Intelligence reporting directly to the Under Secretary of Defense for Research and Engineering

1500-1515 ET Break

1515-1615 ET **“The Ecology of Time”**
➤ Dr. Julie Ryan, CEO Wyndrose Technical Group
➤ Dr. Jae Engelbrecht, President and CEO, Engelbrecht Associates LLC

1615-1645 ET **Reattacks, Follow-ups, and Closing Remarks**
