

The National Academies of
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DIVISION OF BEHAVIORAL AND SOCIAL SCIENCES AND EDUCATION

Board on Human-System Integration

VIRTUAL FALL 2020 BOARD MEETING

WEBINAR AGENDA

Making Technology Work for People: Challenge 2030

December 10-11, 2020

1pm – 3:30pm (Eastern Time)

For More Information Contact: Toby Warden at MWarden@nas.edu

More Details:

<https://www.nationalacademies.org/event/12-10-2020/making-technology-work-for-people-challenge-2030>

SEMINAR OBJECTIVES

As part of their 40th Anniversary celebration, the Board on Human-System Integration (BOHSI) will be hosting a special seminar with a series of fireside chats moderated by BOHSI members. The chats will include experts discussing how human-systems integration and human factors are everywhere and in everything with special attention to such areas as: Military; High-Reliability Organizations and Safety; Future of Work; and Healthcare.

Thursday, December 10, 2020

DAY ONE

1:00 p.m. **Welcome**

- Dr. Toby Warden, *Director, Board on Human-Systems Integration, The National Academies*
- Dr. Fred Oswald, *Chair, Board on Human-Systems Integration, The National Academies*

1:15 p.m. **Past Chairs Chat**

(Moderated by Dr. Fred Oswald, BOHSI Chair)

- Dr. William S. Marras, *Honda Chair Professor and Director, Integrated Systems Engineering Department, The Ohio State University*
- Dr. Nancy J. Cooke, *Professor, Cognitive Science and Engineering, College of Technology and Innovation, Cognitive Engineering Research Institute, Arizona State University*
- Dr. Pascale Carayon, *Leon and Elizabeth Janssen Professor and Director, Wisconsin Institute for Healthcare Systems Engineering, University of Wisconsin-Madison*

1:45 p.m. **HSI for the Future of Defense**

(Moderated by Dr. Mica Endsley, BOHSI Member)

- Dr. Rajesh R. Naik, *711th Human Performance Wing, Air Force Research Laboratory, Wright-Patterson Air Force Base, Ohio*
- Dr. Corde Lane, *Human Research and Engineering Directorate director, Army Research Laboratory*
- Dr. James Pharmer, *Principal Scientist, Research, Development, Test, and Evaluation Department (GT50E), Naval Air Warfare Center Training Systems Division*

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2:30 p.m. Break

2:45 p.m. HSI for Safety and High Reliability Organizations

(Moderated by Dr. Najm Meshkati, BOHSI Member)

- Hon. Robert L. Sumwalt, *Chairman, National Transportation Safety Board (NTSB)*
- Hon. Katherine A. Lemos, *Chairperson and CEO, Chemical Safety Board*
- Additional Speaker TBD

3:30 p.m. Seminar Adjourns Until Tomorrow

Friday, December 11, 2020

DAY TWO

1:00 p.m. Healthcare and Human Factors

(Moderated by Dr. Edmond Israelski, BOHSI Member)

- Dr. Irene Chan, *Deputy Director, DMEPA, Food and Drug Administration*
- Dr. Joseph V. Cohn, *Chief, Research Program Administration Division, Defense Health Agency*
- Dr. Molly Story, *Senior Advisor, Medical Device Development Unit, Sanofi*

1:45 p.m. Break

2:00 p.m. Future of Work

(Moderated by Dr. Fred Oswald, BOHSI Chair)

- Ms. Melissa Taylor, *Senior Forensic Science Research Manager, National Institute of Standards and Technology (NIST)*
- Dr. Ruth Kanfer, *Director of the Work Science Center, Georgia Tech*
- Dr. Andrew L. Jones, *Director, HR Policy and Programs, Office of the Assistant Secretary of the Navy (Manpower and Reserve Affairs)*

2:45 p.m. General Discussion

Board member wrap-up discussion with participants on key themes and future directions for BOHSI.

3:30 p.m. Adjourn Seminar

Meetings and Activities of BOHSI are Sponsored By:

Human Factors and Ergonomics Society; National Aeronautics and Space Administration; U.S. Army Research Laboratory; Air Force Testing and Survey Policy; Veterans Health Administration; and the Federal Aviation Administration