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INDIANA UNIVERSITY

PAUL H. O'NEILL SCHOOL OF PUBLIC
AND ENVIRONMENTAL AFFAIRS

Applications of AI in Government and Industry

A workshop organized by the National Academies Innovation Policy Forum in cooperation with
the Manufacturing Policy Initiative (MPI)
at the Paul H. O'Neill School of Public and Environmental Affairs at Indiana University

September 26, 2019

Room 125
National Academy of Sciences
2101 Constitution Avenue, NW
Washington, DC

AGENDA



- 9:00 AM **Coffee and Pastries**
- 9:25 AM **Welcome**
Tom Guevara, Indiana University (Co-Chair, National Academies Innovation Policy Forum)
- 9:30 AM **Panel 1: Government Applications**
Moderator: *Heather Evans, National Institute of Standards and Technology*
- Trust in AI Computing**
Cindy Goldberg, IBM
- Explainable AI and DARPA XAI Program**
John Reeder, Naval Information Warfare Center Pacific
- AI-Enabled Technologies**
Ricardo A. Arteaga, NASA
- 10:45 AM **Coffee Break**

- 11:00 AM **Panel 2: Challenges to Applying AI in Government**
Moderator: *Dan Chenok, IBM Center for the Business of Government*
- Gil Alterovitz, Department of Veterans Affairs (VA)*
Erwin Gianchandani, National Science Foundation
Diana Furchtgott-Roth, Department of Transportation
Brian Valentine, Department of Energy
- 12:00 PM **Lunch in the West Court**
- 1:00 PM **Panel 3: Industry Applications**
Moderator: *Andre Gudger, Founder and CEO of Eccalon (Member, National Academies Innovation Policy Forum)*
- Production Process Improvement**
Alp Kucukelbir, Fero Labs
- Machine Optimization**
Jake Bartolone, Uptake
- Applications of AI in Energy Management**
Mark Johnson, Clemson University
- 2:15 PM **Coffee Break**
- 2:30 PM **Panel 4: Challenges to Applying AI in Industry**
Moderator: *Keith Belton, Indiana University*
- Stephen Ezzell, Information Technology and Innovation Foundation*
Sudhi Bangalore, Stanley Black & Decker (via Zoom)
Ernest Begin, Kaman Corporation
Young M. Lee, Johnson Controls
Bill Cronin, Xometry
- 4:00 PM **Closing Remarks**
Tom Guevara, Indiana University (Co-Chair, National Academies Innovation Policy Forum)
- 4:10 PM **Reception in the West Court**