FORUM ON
ENGINEERED AI SYSTEMS

AGENDA
JUNE 5, 2024

8:00 am  Continental Breakfast and Open Registration
          Registration–Main Entrance
          Continental Breakfast– 8th Floor, Room 820 and Room 830 Roof Terrace

8:30 am  Opening and Framing Remarks
          John Anderson, National Academy of Engineering
          Ed Schlesinger, Johns Hopkins University

8:45 am  Keynote
          Russell Taylor, Johns Hopkins University

9:30 am  Keynote
          Thomas Strat, DZYNE Technologies

10:15 am Break

10:45 am Block I: Computer Vision and Natural Language Processing
          Moderator:  Rama Chellappa, Johns Hopkins University
          Panelists:  Alan Yuille, Johns Hopkins University
                     Mark Dredze, Johns Hopkins University
                     Abhinav Shrivastava, University of Maryland
                     Daniel Khashabi, Johns Hopkins University

12:30 pm Lunch
          8th Floor, Room 820 and Room 830 Roof Terrace

1:30 pm  Block II: Networks, Control, and Optimization
          Moderator:  K. J. Ray Liu, Origin Wireless AI
          Panelists:  Kishan Sabnani, Johns Hopkins University
                     Yannis Kevrekidis, Johns Hopkins University
                     K.J. Ray Liu, Origin Wireless AI
                     John Baras, University of Maryland

3:15 pm  Break
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3:45pm  Block III: Policy, Governance, and Ethical Considerations
Moderator:  Guru Madhavan, National Academy of Engineering
Panelists:  Munmun De Choudhury, Georgia Tech
           Lisa Cooper, Johns Hopkins University
           Ranu Jung, University of Arkansas
           Daniel Castro, Information Technology and Innovation Foundation
           Luis Kun, Perry Center for Hemispheric Defense Studies
           Sudip Parikh, AAAS

5:30 pm  Adjourn

AGENDA
JUNE 6, 2024

8:00 am  Registration and Continental Breakfast
          Registration–Main Entrance
          Continental Breakfast– 8th Floor, Room 820 and Room 830 Roof Terrace

8:25 am  Welcome and Recap
          Guru Madhavan, National Academy of Engineering

8:30am   Keynote
          Michael Littman, National Science Foundation

9:15 am   Keynote
          Emery Brown, Harvard University*

10:00 am  Break
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10:20 am  Block IV: Robotics and Autonomy
Moderator: James Bellingham, Johns Hopkins University
Panelists: SK Gupta, University of Southern California
Dinesh Manocha, University of Maryland
Rene Vidal, University of Pennsylvania
James Bellingham, Johns Hopkins University

12:00 pm  Lunch
8th Floor, Room 820 and Room 830 Roof Terrace

1:00 pm  Block V: AI For Material Science
Moderator: Rama Chellappa, Johns Hopkins University
Panelists: K.T. Ramesh, Johns Hopkins University
Paulette Clancy, Johns Hopkins University
Jaafar El-Awady, Johns Hopkins University
Monty Alger, Penn State University*

2:40 pm  Break

3:00 pm  Block VI: AI For Aerospace, Electrical and Mechanical Systems
Moderator: Rama Chellappa, Johns Hopkins University
Panelists: Derek Paley, University of Maryland*
Behtash Babadi, University of Maryland
Jacqueline Chen, Sandia National Laboratories
Misha Chertkov, University of Arizona

4:40 pm  Keynote
Matthew Turek, DARPA

5:20 pm  Concluding Reflections
Rama Chellappa, Johns Hopkins University
Guru Madhavan, National Academy of Engineering

5:30 pm  Adjourn

*Virtual presentation