

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

Co-Organizers



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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

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