

## AGENDA

### Committee on Pathways to Doctoral Degrees in Computing

Meeting 1

February 14, 2023

Virtual

<https://vimeo.com/event/2848124>

## MEETING OBJECTIVES

- Conduct committee formation and member orientation to include NASEM organization, procedures, and expectations of NASEM study committees
- Obtain consensus understanding, in consultation with sponsor, on study scope
- Review topics and speakers for remaining meetings

**Tuesday, February 14, 2023**

### CLOSED SESSION

3:00 pm      **Closed Session Begins**

### OPEN SESSION

3:45 pm      **Committee Charge and Sponsor Expectations for Study**  
→ Margaret Martonosi, *Assistant Director*, Computer and Information  
Science & Engineering, National Science Foundation

### CLOSED SESSION

4:30 pm      **Closed Session Begins**

5:30 pm      **Adjourn Meeting**

## SPEAKER BIOGRAPHY

**Tina Bahadori** is executive director for the National Academies' Division on Engineering and Physical Sciences. Bahadori came to the Academies from the U.S. Environmental Protection Agency's Office of Research and Development, where for eight years she designed and led several transdisciplinary research and risk assessment programs. Her positions at EPA included serving as national program director for human health risk assessment, as center director of the National Center for Environmental Assessment, and as national program director for chemical safety for sustainability. During her time at EPA, Bahadori built extensive collaborations across the landscape of community, national, and international partners from multiple sectors, and was committed to developing innovative approaches that weave together systems-based research and policy solutions. Before joining EPA, her career was founded on nearly two decades of research and science enterprises in the private sector, where she worked on converging and diverging issues related to energy, environment, technology, and chemical management. Bahadori holds a doctorate in environmental science and engineering from the Harvard School of Public Health. From MIT, she holds a Master of Science in Chemical Engineering and Technology and Policy, as well as Bachelor of Science degrees in chemical engineering and in humanities. She served as the president of the International Society of Exposure Science and is an associate editor of the Journal of Exposure Science and Environmental Epidemiology.

**Margaret Martonosi** is the US National Science Foundation's (NSF) Assistant Director for Computer and information Science and Engineering (CISE). With an annual budget of more than \$1B, the CISE directorate at NSF has the mission to uphold the Nation's leadership in scientific discovery and engineering innovation through its support of fundamental research and education in computer and information science and engineering as well as transformative advances in research cyberinfrastructure. While at NSF, Dr. Martonosi is on leave from Princeton University where she is the Hugh Trumbull Adams '35 Professor of Computer Science. Dr. Martonosi's research interests are in computer architecture and hardware-software interface issues in both classical and quantum computing systems. Dr. Martonosi is a member of the National Academy of Engineering and the American Academy of Arts and Sciences. She is a Fellow of the Association for Computing Machinery (ACM) and the Institute of Electrical and Electronics Engineers (IEEE).