

Global Transformation with Blockchain: From Lab to App

AGENDA

8:00am - 8:20am: Registration

8:20am - 8:30am: Opening remarks

The workshop will open with opening remarks from representatives from AAAS, and CARTA.

Dr. Yelena Yesha, Distinguished Professor, CARTA Center Director.

Dr. Jennifer Pearl, Science & Technology Policy Fellowships Director, AAAS

Dr. Karl V. Steiner, Vice President for Research, UMBC

8:30am - 9:00am: Invited talk 1

A distinguished speaker to discuss blockchain innovation from the government perspective

Mr. Anil John, Technical Director, Silicon Valley Innovation Program, Science and Technology Directorate, US Department of Homeland Security

9:00am - 10:00am: Lightning talks

Lightning talks and discussion to share real-life applications from government, industry, and academia

Dr. Chaitan Baru, Senior Advisor of Data Science Research Initiatives, UC San Diego

Ms. Sherri Sokol, Innovation Lead, Defense Information Systems Agency (DOD)

Dr. Karuna Pande Joshi, Assistant Professor, CARTA UMBC Site Director, UMBC

Mr. Andrei Lebedev, Engineer, Soramitsu

Ms. Heather Flannery, Co-Founder, Blockchain in Healthcare Global, Health Circle Global Lead,

Consensus, Co-Chair, Blockchain Task Force, HIMSS

Moderator: Dr. Joanna Chan, Data Scientist, Department of Commerce / NTIS

10:00am - 10:30am: Coffee break

10:30am - 10:50am: Invited talk 2

A distinguished speaker to discuss blockchain innovation from the industry perspective

Mr. Gari Singh, CTO for blockchain. IBM

10:50am - 12:05pm: Use case roundtable

Panelists to share experience on blockchain use cases

Mr. Craig Fischer, Program Manager, Office of Financial Innovation and Transformation, Department of Treasury.

Mr. Jose Arietta, Associate Deputy Assistant Secretary for Acquisition, Department of Health and Human Services (HHS)

Ms. Michelle White, Director, Shared Services & IT Products Contract Operations, General Services Administration (GSA)

Ms. Silvana Rodriguez, Director for Strategic Partnerships in the Americas, ConsenSys.

Moderator: Dr. Justin Li, Science and Technology Directorate (S&T), Department of Homeland Security (DHS)

12:05pm - 12:25pm: Invited talk 3

A distinguished speaker to discuss ethical issues on blockchain applications

Dr. Cara LaPointe, Senior Fellow, Beeck Center for Social Impact & Innovation, Georgetown University

12:25pm - 1:30pm: Lunch (provided) & networking

1:30pm - 1:40pm NSF remarks

Introduction and welcome by Dr. Keith J. Bowman, Dean, College of Engineering and Information Technology, UMBC

NSF program director to share the research funding direction

Dr. Ann Von Lehman

1:40pm - 2:05pm: Research talk

Discuss blockchain innovation from the academia perspective

Dr. Haibin Zhang, Co-Director of Distributed Systems and Security Lab, UMBC

2:05pm - 3:20pm Research deep-dive

Talks on the research findings and new directions in blockchain research

Dr. Jacob Mendel, Managing Director, The Hogeg Blockchain Research Institute, Tel Aviv University

Dr. Sisi Duan, Co-Director of Distributed Systems and Security Lab, Asst. Professor, UMBC

Mr. Michael Mylrea, Senior Manager & Advisor and Blockchain Lead, PNNL

Moderator: Dr. Vandana Janeja, Associate Professor, UMBC

3:20pm - 3:45pm: Coffee break

3:45pm - 5:00pm: Parallel roundtable discussions & report back

- A. *How can I bring blockchain to my organization? - to connect gov't and industry*
- B. *What is the next frontier in blockchain research? - to connect academia and industry*
- C. *Other topics suggested by participants (unconference topics)*

5:00pm - 5:10pm: Closing remarks

5:10pm - 7:00pm: Reception & Networking