

AI & QUANTUM COMPUTING SYMPOSIUM

OCT. 21 - 22, 2021
9:00AM - 4:00PM

AGENDA DAY ONE

OCTOBER 21, 2021

8:00am - 9:15am

Registration & Breakfast (In-Person Only)

9:15am - 9:30am

Welcome & Opening Remarks

Dhiresha Kudithipudi, Ph.D., Director of MATRIX AI Consortium,
The University of Texas at San Antonio (UTSA)

9:30am - 10:30am

Keynote Speaker

Sebastian Risi, Ph.D., Professor, IT University of Copenhagen

10:30am - 11:30am

Panel: AI Ecosystem for the Edge

Sek Chai, Ph.D., Co-Founder and CTO, Latent AI

Clare Thiem, Senior Electronics Engineer, Air Force Research Laboratory

William Severa, Ph.D., Researcher, Sandia National Laboratories

Gabriela Ciocarlie, Ph.D., The Cybersecurity Manufacturing Innovation Institute

Moderator:

Murtuza Jadliwala, Ph.D., Associate Professor, Computer Science, UTSA

11:30am - 12:30pm

Plenary Speaker

TBD

12:30pm - 12:45pm

Break

12:45pm - 1:45pm

Lunch Speaker

Robinson Pino, Ph.D., Program Manager, Advance Scientific Computing Research,
Department of Energy

1:45pm - 2:15pm

Break

2:15pm - 3:00pm

Panel: New Generation of AI Models

Raghuveer Rao, Ph.D., Chief, Intelligent Perception Branch,
Army Research Laboratory

Catherine Schumann, Ph.D., Research Scientist, Oakridge National Laboratory

Chuck Howell, Chief Scientist for Responsible Artificial Intelligence, MITRE Corporation

Moderator:

Svitlana Volkova, Ph.D., Chief Decision Scientist, National Security Directorate,
Pacific Northwest National Laboratory

3:00pm - 3:45pm

Plenary Speaker

Sue Gordon, Ph.D., Director, CACI International Inc.

3:45pm - 4:00pm

Closing Remarks

Confirmed speakers as of 9/22/21

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AGENDA DAY TWO

OCTOBER 22, 2021

8:00am - 9:00am

Registration & Breakfast (In-Person Only)

9:00am - 9:15am

Opening Remarks

Reggie Brothers, Ph.D., Chief Executive Officer, BigBear.ai

9:15am - 10:15am

Keynote Speaker

Michael Hayduk, Ph.D., Deputy Director Information Directorate,
Air Force Research Laboratory

10:15am - 11:00am

Panel: Quantum Computing Today

R. Tyler Sutherland, Ph.D., Assistant Professor, Electrical &
Computer Engineering, UTSA

Travis Humble, Ph.D., Deputy Director, DOE Quantum Science Centers,
Oak Ridge National Laboratory

Sonia Lopez Alarcon, Ph.D., Associate Professor, Computer Engineering,
Rochester Institute of Technology

Moderator:

Reggie Brothers, Ph.D., Chief Executive Officer, BigBear.ai

11:00am - 12:00pm

Plenary Speaker

Bob Niffenegger, Ph.D., Assistant Professor, Electrical & Computer
Engineering, University of Massachusetts Amherst

12:00pm - 1:00pm

Lunch Break

1:00pm - 2:00pm

Plenary Speaker

David J. Dean, Ph.D., Director, Quantum Science Center, Oak Ridge National Laboratory

2:00pm - 2:45pm

Panel: Convergence of Machine Learning and Quantum Computing

Jose Morales, Ph.D., Assistant Professor, Mathematics, UTSA

Tammie Borders, Ph.D., Senior Business Development Manager,
Honeywell Quantum Systems

Megan Kohagen, Ph.D., Lead Quantum Computing Applications Engineer,
Honeywell Quantum Solutions

Rafal Janik, Head of Product, Xanadu

Moderator:

R. Tyler Sutherland, Ph.D., Assistant Professor, Electrical & Computer Engineering, UTSA

2:45pm - 3:45pm

Plenary Speaker

Irene Gamba, Ph.D., Professor, Mathematics, UT Austin

3:45pm - 4:00pm

Closing Remarks

Bernard Arulanandam, Ph.D., M.B.A., VP for Research, Economic Development,
and Knowledge Enterprise