

# AI & QUANTUM COMPUTING SYMPOSIUM

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

## AGENDA DAY ONE

### OCTOBER 21, 2021

8:00am – 9:00am

**Registration & Breakfast (In-Person Only)**

9:00am – 9:15am

**Welcome & Opening Remarks**

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

9:15am – 10:15am

**Keynote Speaker**

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

10:15am – 11:00am

**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

11:00am – 12:00pm

**Plenary Speaker**

TBD

12:00pm – 12:30pm

**Break**

12:30pm – 1:30pm

**Lunch Speaker**

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

1:30pm – 2:00pm

**Break**

2:00pm – 2:45pm

**Panel: New Generation of AI Models**

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

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

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

*Moderator:*

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

2:45pm – 3:15pm

**Plenary Speaker**

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

3:15pm – 4:00pm

**Closing Remarks**

*Confirmed speakers as of 9/13/21*

# AI & QUANTUM COMPUTING SYMPOSIUM

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

## 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, BigBearAI

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**

**Robert Sutherland, Ph.D.**, Assistant Professor, Electrical &  
Computer Engineering, UTSA

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

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

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

*Moderator:*

**Reggie Brothers, Ph.D.**, Chief Executive Officer, BigBearAI

11:00am – 12:00pm

**Plenary Speaker**

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

12:00pm – 1:00pm

**Lunch Break**

1:00pm – 2:00pm

**Plenary Speaker**

TBD

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

*Moderator:*

**Robert 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

*Confirmed speakers as of 9/13/21*