



**INNOVARE**  
ADVANCEMENT CENTER

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# Innovare Advancement Center to Present 3rd Annual International Quantum Information Science Workshop

Virtual Event | June 22-24, 2021



JOIN US AS WE COLLECTIVELY  
PUSH FORTH INNOVATIVE IDEAS  
THAT BUILD A GLOBAL  
QUANTUM FUTURE



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**Rome, NY** – The Innovare Advancement Center is proud to host the **3rd Annual International Quantum Information Science Workshop**. This virtual event will take place **June 22, 23, and 24, 2021** from 10 am – 2 pm EST. This incredible three-day event is a global connectivity initiative to build an open ecosystem of government, academic and industry collaborations to shape the future of quantum innovation for the U.S. and its partners.

“This annual workshop continues to reinforce the Air Force and Space Force's commitment to trailblaze fundamental science and technology areas like quantum information science through talent recruitment, scientific investigation, deliberate goal-setting, and resources in partnership with our international community of academic and industry partners,” says **Dr. Michael Hayduk, Deputy Director, Air Force Research Laboratory Information Directorate**. “We are also pleased to once again be partnering with our tri-service collaborators from the Army and Navy in this event. Building these types of partnerships are critical as we aim to accelerate



the advancement of quantum technology and develop the next generation of scientific talent.”

The workshop will feature discussion panels of discerning student and faculty panelists sharing research and connectivity experiences with the Department of Defense labs, showcase awardees of last year’s Million Dollar International Quantum-U Tech Accelerator grants, and share insights about current and future quantum research activities and opportunities with AFRL, Air Force Office of Scientific Research (AFOSR), Army Research Office (ARO), Army Research Laboratory (ARL), Naval Research Laboratory (NRL), and the Office of Naval Research (ONR), as well as exciting networking opportunities each day.

“The 3rd Annual International Quantum Information Science (QIS) Workshop amalgamates a rich arsenal of expertise from atomic physics, information science, and mathematics to vacuum science, engineering, and laser science,” says **Dr. Boyan Tabakov, Program Officer for Atomic and Molecular Physics at the Air Force Office of Scientific Research**. “The collaborative event brings together and highlights the wide-range of critical researchers at various career stages, from budding students to pillars of the scientific enterprise, that is undeniably necessary for pushing the frontiers of QIS in the U.S. and internationally.”

Adding additional insight during the event, each day will also feature keynote addresses from leading experts in the field of Quantum Information Science:

**Day 1** (June 22) - **Dr. William D. Phillips**, *National Institute of Standards and Technology (NIST), Nobel Laureate in Physics in 1997*

**Day 2** (June 23) - **Dr. Tatjana Curcic**, *Defense Sciences Office, Defense Advanced Research Projects Agency (DARPA)*

**Day 2** (June 24) - **Prof. Dana Anderson**, *Co-Founder of ColdQuanta, Professor of Physics at University of Colorado Boulder*

The event is presented by Innovare Advancement Center, a partnership between AFRL/RI, New York State, Oneida County (OC), the City of Rome, the Griffiss Institute (GI), New York State Enterprise Technology Corporation (NYSTEC), and The State University of New York (SUNY).

AFRL is one of Innovare’s key strategic collaborators seeking to achieve the team’s vision: engage partners to initiate entrepreneurial ventures and tech startups in key strategic areas, including artificial intelligence/machine learning, cybersecurity, and quantum, in addition to building a robust talent pipeline at a time when scientific advancement across boundaries is needed now more than ever to remain economically and strategically competitive in this fast-changing world.

“Griffiss Institute is proud to host this extraordinary quantum networking event from our new home at Innovare Advancement Center,” said **Heather Hage, President and CEO of Griffiss Institute**. “Bringing together an already established network of leading scientists, engineers, researchers, and entrepreneurs to discuss the future of quantum science is another example of how Innovare, along with its partners, is helping to lead the way in scientific research that will have international impacts.”

As Innovare-connected research takes place at partnering organizations all over the world, the Innovare open



business model represents a bold step forward in implementing the National Quantum Initiative Act, which aims to foster the development of a quantum technology ecosystem among government, industry, and academia.

To register for the 3rd Annual International Quantum Information Science Workshop, please go to: <https://registration.socio.events/e/qisworkshop3>

For more information and additional updates related to the event, please follow the Innovare Advancement Center on social media at:

- Facebook: [www.facebook.com/InnovareAdvancementCenter](http://www.facebook.com/InnovareAdvancementCenter)
- Twitter: [www.twitter.com/InnovareAdvance](http://www.twitter.com/InnovareAdvance) - @InnovareAdvance
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#### **About Innovare Advancement Center**

Innovare Advancement Center is a 150,000 square foot open innovation hub that converges world-class scientific, engineering, and entrepreneurial talent from universities, government, and industry to tackle new challenges in artificial intelligence, machine learning, cybersecurity, quantum, and unmanned aerial systems. Innovare’s unique capabilities include highly specialized laboratories for experimentation in quantum communications and neuromorphic computing, 40,000 square feet of high-tech and high-speed communications-enabled collaboration spaces, an auditorium with capacity for over 250 people, a 50-mile drone corridor for advanced unmanned aircraft operations, and coming in spring 2022 – an indoor sUAS research and testing facility with 22,500 square foot indoor flight testing area - the largest in the United States. To learn more, visit [innovare.org](http://innovare.org).

#### **About AFRL**

The Air Force Research Laboratory (AFRL) is the primary scientific research and development center for the Department of the Air Force. AFRL plays an integral role in leading the discovery, development, and integration of affordable warfighting technologies for our air, space, and cyberspace force. With a workforce of more than 11,000 across nine technology areas and 40 other operations across the globe, AFRL provides a diverse portfolio of science and technology ranging from fundamental to advanced research and technology development. For more information, visit: [www.afresearchlab.com](http://www.afresearchlab.com).

