



For Release: Immediate – APRIL 21, 2021
Contact: Jennifer Sumner, Griffiss Institute PR & Marketing Manager
(315) 356-2694 | communications@innovare.org

Innovare Advancement Center to Host Second Trusted AI Challenge Series Event

*Second event of the three-part Trusted AI Challenge Series designed to
"Build the Vision - Formalize Challenges - Advance the Art" of next generation AI systems.*



Rome, NY – Innovare Advancement Center, in partnership with the Air Force Research Laboratory Information Directorate (AFRL/RI) and The State University of New York (SUNY), IBM, the Air Force Office of Scientific Research (AFOSR), National Security Innovation Network (NSIN), NYSTEC and the Griffiss Institute announces it will host the second event of the Trusted AI Challenge Series, to discuss scientific and technical challenge problems in the design, verification, and validation of trusted autonomous systems and open the call for proposals.

On **Thursday, April 29, 2021**, during the **Trusted AI - Grounding the Critical Path** event, attendees will learn more about the Trusted AI Challenge Problems and funding opportunities for academic, small business, and international R&D communities.

This three-part series is designed to cultivate, define and fund creative solutions to a set of challenge problems in trustworthy AI. During Trusted AI Challenge Series: Event 1 - Building the Vision, a distinguished set of speakers and panelists from academic, government and industry shared their vision on the future of trusted autonomous systems and insights on key research challenges.

“SUNY is delighted to contribute its technical expertise and partner with the Air Force Research Laboratory Information Directorate, IBM, the Air Force Office of Scientific Research, National Security Innovation Network, NYSTEC, and Innovare to bring this exciting opportunity to the AI R&D community”, said **Dr. Meera Sampath**,



Associate Vice Chancellor for Research. “We look forward to enabling critical advances in the field of Trusted AI through this Challenge series.

"The National Security Innovation Network (NSIN) is incredibly excited to sponsor a Trusted AI challenge. The Department of Defense has identified AI/ML as critical to our ability to overmatch the capabilities our adversaries are developing, underwriting our ability to deter aggression in multiple regions across the globe,” **says Dan Madden, NSIN Mid-Atlantic Regional Director.** “But to deploy AI/ML at scale across DoD capabilities requires solving for the foundational technical challenges associated with trust in AI. There is no one better than the Air Force Research Lab to be leading this effort."

Inspired by the vision shared by the distinguished speakers of the Event 1, informed by the technology needs of the partner organizations and drawing upon their expertise as leading researchers and engineers, the members of the Trusted AI Challenge Committee have developed four challenge problems that are critical for the widespread acceptance and adoption of AI systems. The challenges are open to US based academia and small businesses, and the Air Force Research Lab international community. Each challenge problem will receive funding and those interested in submitting proposals are encouraged to view the challenges ahead of the April 29 event, in order to plan and make adequate preparations for the request for proposals.

The Trusted AI Challenge Problems are:

- **TOPIC #1:** Verification of Autonomous Systems
- **TOPIC #2:** Human-Artificial Intelligence Performance Optimization: Trust and Joint Action for Digital Data Analysis
- **TOPIC #3:** Dynamic Bi-Directional Trust in Human-AI Collaborative Systems
- **TOPIC #4:** Trustworthy AI Certification

The event will conclude in a Chat Room via Discord, for challenge problem Q&A's, networking and upcoming event information. During this 45-minute online gathering, attendees will mix together into small breakout rooms to discuss each of the four Trusted AI Challenge Problems with the authors of the challenges.

This event is designed for those interested in understanding the challenges that lie ahead as AI systems become increasingly autonomous, dynamically acquire information, and adapt behaviors, including academic and government researchers, university students, and small businesses.

The third events of this series, “Accelerating Progress”, will take place in Summer 2021.

To register for the first event, view the challenge problems, view the agenda, and sign up for the Discord Chat Room, please visit: <https://www.innovare.org/events/trusted-ai-challenge-series>

#####

About Innovare Advancement Center

Innovare Advancement Center aims to be a global catalyst to converge world-class talent with cutting-edge





INNOVARE
ADVANCEMENT CENTER

facilities and focused technology challenges to accelerate the development of game-changing capabilities that protect and empower our country. An open innovation environment immediately adjacent to Air Force Research Laboratory's Information Directorate in Rome, NY, Innovare Advancement Center offers a globally connected innovation ecosystem in which world-class scientific, engineering, and entrepreneurial talent from universities, government, and industry can leverage highly specialized resources in critical research areas, including artificial intelligence/machine learning, cybersecurity, quantum, and unmanned aerial systems to tackle the country's greatest challenges to national security and economic competitiveness. To learn more, visit innovare.org.

