

Information Paper

SUBJECT: Mad Scientist Virtual Conference, 29 January 2020: Global Perspectives in the Operational Environment (OE)

1. **Purpose.** To expand our understanding of the OE from our allies and partner nations' perspectives.
2. **Facts.**
 - a. Mad Scientist is a United States Army initiative that enables continuous dialogue with academia and industry to explore the OE and the changing character of warfare through 2050.
 - b. The Mad Scientist Initiative is partnering with TRADOC Foreign Liaison Officers and the International Army Programs Directorate (IAPD) to explore the OE. The IAPD works with our allies and partner nations to facilitate the exchange of ideas on doctrine, organization, training, materiel, leadership and education, personnel, facilities, and policies. Additionally, the IAPD supports the exchange of ideas to develop current and future operational capabilities and improve standardization and interoperability and build capacity. The TRADOC Foreign Liaison Officer Program is one of the principal ways that the U.S. Army builds relationships with our allies and partner nations.
 - c. Our ability to prevail in Competition and win decisively in Conflict as part of a larger coalition is paramount. This conference will provide us with the opportunity to learn from our allies and partner nations about their unique perspectives and understanding of the OE.
 - d. Looking at the OE, topics of interest include, but are not limited to: artificial intelligence, autonomy, information warfare (deepfakes), cyber attack and defense, economic warfare, competition, and conflict.
 - e. The following research questions represent broad themes for Global Perspectives:
 - What emerging and/or disruptive technology is of great concern to your country? How are you investing in it and/ or defending against it?
 - What whole-of-Government approaches are you taking to combat weaponized information?
 - What technology or security issues are of particular or unique concern to your own country or region?
 - f. The event will be livestreamed; remote attendees can watch and participate via the online chat room, affording the opportunity to submit real-time questions to the presenters.
 - g. Join the Mad Scientist Community, follow us on Twitter @ArmyMadSci, and sign up at the All Partners Access Network (APAN) to receive updates, agendas, and related information:
<https://community.apan.org/wg/tradoc-g2/madscientist/>
 - h. Subscribe to the Mad Scientist Laboratory blog site at: <https://madsciblog.tradoc.army.mil> army.mil to receive updates regarding this conference and all things Mad Scientist.
3. Contact Mr. Lee K. Grubbs at lee.k.grubbs.civ@mail.mil for additional information regarding this conference and the Mad Scientist Initiative.