

## “Highlighting Analysts and Methodologies at the Cutting Edge”

Tuesday-Thursday, 27-29 September 2022

Institute for Defense Analyses, Potomac Yard

The Military Operations Research Society (MORS) Emerging Techniques Forum was created to improve analysis and understanding throughout the defense community by seeking out novel and leading-edge approaches, methods through the latest (and in progress), developments across government, academia and private industry. The ETF is all about connecting analysts who have great methodologies with analysts who have great problems. We welcome academics and practitioners from all disciplines who wish to contribute to and grow the effectiveness of the military operations research community to submit either an unclassified or classified presentation.

### Topics to be Covered:

We welcome presentations from diverse disciplines that highlight emerging techniques with military applications. Example focus areas include:

- ✓ Optimization of IT Infrastructure & Analytic Platforms (Cloud, Big Data, etc.)
- ✓ Emerging AI/ML (algorithms, adversarial, ethical, etc.)
- ✓ Autonomy; Robotics; Human-Machine Teaming
- ✓ Anomaly Detection; Dynamic Behavior Prediction
- ✓ Advances in Information Operations (Social Media, Bots, etc.)
- ✓ Infrastructure Protection & Resilience (climate, sensors, cybersecurity, etc.)
- ✓ Distributed Information Sensing, Data Fusion, & Network Resiliency
- ✓ Image, Video, & Spatiotemporal Big Data Processing
- ✓ Augmented Reality; Training; Decision Making
- ✓ Organizational, Institutional, & Policy Approaches to Augment Analyses
- ✓ Methodological Advances in Statistics, Mathematics, & Computer Science

### This Year's Confirmed Speakers:

- ✓ Dr. Baruch Fischhoff  
Howard Heinz University Professor - Carnegie Mellon Univ.
- ✓ Dr. Kristen Kulinowski  
Director of IDA's Science and Technology Policy Institute
- ✓ Dr. Michael Ford  
PPPL Associate Laboratory Director
- ✓ Dr. Raj Iyer  
Chief Information Officer (CIO) - Office of the Secretary of the Army
- ✓ Dr. Ryan Barrett  
Brookings Fellow - Russia/Ukraine Expert

### Eugene P. Visco Prize:

A competition unlike any other - highlighting the best Junior Analysts in the world! The purpose of this prize is to promote collaboration between the international operations research community and MORS. Visit the Visco Prize page for more details.

Register at:

Or Contact:

[www.MORS.org/ETF](http://www.MORS.org/ETF)

[www.MORS.org/Abstract-Submission](http://www.MORS.org/Abstract-Submission)

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