METSM

EMERGING TECHNIQUES SPECIAL MEETING

You are cordially invited to attend the inaugural Military Operations Research Society (MORS) Emerging Techniques Special Meeting being held 6-7 December 2016 at the Hilton Mark Center in Alexandria, VA. The MORS Emerging Techniques Special Meeting (METSM) will feature high-quality technical presentations from leading experts from both inside and outside the MORS family and provide an opportunity for consumers of analysis and non-traditional providers of analysis to meet and share their needs and capabilities. METSM will provide a forum for presentations, demonstrations, and discussions on developing and employing emerging analytic techniques with an eye toward the problems of the National Security Community.

Emerging techniques are defined as considered in the bounds of good practice by other practitioners but not fully embraced by the National Security Analytic Community. METSM will focus on bringing techniques from other fields and societies to the broader operations research and national security analysis community. The METSM working groups or focus areas will include:

Advanced Statistical Techniques – this includes both theoretical and applied work, to include computational intensive methods, big data, and machine learning

Frontiers of Networks – The field of Networks, and the use of these mathematical constructs has exploded in recent years. This track will feature cutting-edge work in several applications.

Simulation Models – Simulation models are a staple in the National Defense. This track will feature speakers who are bringing new methods and efficiencies

Visualization – cuts across all of these areas; clean, efficient simulation turns 'results' into 'actionable insights'

MORS is proud to announce that Les Servi, Group Leader of Operations Research, The MITRE Corporation will be a keynote speaker.

To register, please visit the METSM website at

http://mors.org/Events/Special-Meetings/Emerging-Techniques

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Exhibiting at METSM

METSM will also feature exhibits by MORS Industry Partners. To reserve a space, simply contact Eric Kokuma (eric.kokuma@mors.org). Please note that there is no additional cost to exhibit as a MORS Industry Partner.

Keynote at METSM

Dr. Les Servi of the MITRE Corporation and Defense Science Board. His diverse interests include the analysis of social media, cyber security, portfolio analysis for some government procurements, designing of software test plans, and evaluating Human Social Cultural Behavior (HSCB) government sponsored projects. He is an INFORMS Fellow and a former member of the Board of Directors of INFORMS.

MORS is honored to have the following distinguished guest speakers:

Susan M. Sanchez is a Professor in the Operations Research Department at the Naval Postgraduate School. Her research interests include the design and analysis of large-scale simulation experiments. She established and serves as Co-director of NPS's Simulation Experiments & Efficient Designs (SEED) Center for Data Farming. Dr. Sanchez has long been active in the simulation community, and will be recognized as a **Titan of Simulation at the 2016 Winter Simulation Conference.**

Dr. Karla Hoffman is a Professor in the Systems Engineering and Operations Research Department at George Mason University (GMU). Dr. Hoffman's primary research areas are optimization and auction theory. Her research focuses on the development of new algorithms for solving large complex problems arising in industry and government. She has more than 100 published papers in these areas and has served on the editorial boards of numerous Journals. Prior to joining GMU she worked at the National Institute of Standards and Technology as a mathematician.

Dr. Janwai Han, Leader in Data Science and Data Warehousing. He is a Fellow of ACM and Fellow of IEEE, and received 2004 ACM SIGKDD Innovations Award, 2005 IEEE Computer Society Technical Achievement Award, 2009 M. Wallace McDowell Award from IEEE Computer Society. His co-authored book "Data Mining: Concepts and Techniques" has been adopted as a textbook popularly worldwide.