

SYSTEM ANALYSIS & STUDIES (SAS) PANEL

Programme

SAS-190 Research Symposium on “Enhancing Energy Security Resilience, Capabilities and Interoperability”

- 12 Nov All times CET
- 12:00 Opening remarks, Dr Arnold Dupuy
- 12:15 Keynote Address from Dr. Bryan Wells, NATO Chief Scientist
- 13:00 Dr. Maria Gurau
- 13:20 SAS-183 Arctic Study Team Review, Mike Davis
- 13:40 SAS-183 Baltic Sea Study Team Review, Dr David Dorondo
- 14:00 SAS-183 Baltic Sea Study Team Review, Dr Arnie Dupuy
- 14:20 SAS-183 Cyber Team Review, Dr Sarah Lohmann
- 14:40 Strategic Foresight Assessment, Dr Mehmet Kinaci
- 15:00 Energy Sector Cyber Resilience Reconsidered, Dr Karen Guttieri
- 15:20 Simulations, digital twins, and generative AI for electric grid reliability, Mr Shaheer Hussam
- 15:40 Title TBD, Dr Maurizio Geri
The energy autonomy of military sites is supported by green energy hubs including hydrogen technologies, Dr Mitja Mori
- 16:00 Open discussion
- 17:00 Closing remarks, Dr Dan Nussbaum
- 13 Nov All times CET
- 12:00 Opening remarks, Dr Arnold Dupuy
- 12:20 Nordic Pine Exercises Overview, Mr Freddy Jonsson-Hanberg
- 12:40 Cyber prototype demonstration, Dr Ing Gabriel Raicu
- 13:00 Q&A session
Enhancing the Energy Resiliency of NATO’s Eastern Flank Using Small Modular Nuclear Power Plants, Mr Ryan Duncan
- 13:20 Holistic Modeling of Maritime Energy Infrastructures Resilience, Arto Niemi
- 14:00 Microgrid Cyber Defence: Remotely Controlled Dynamic Physical Network Segmentation, Dr Peter J Lenk & Stephen Kines
- 14:20 Title TBD, Scott Fairnie
- 15:00 Panel Discussion: Title TBD, Prof. Iulin Cifu, LTG (Ret.) Colby Broadwater, Dr. Olliver Steward
- 16:00 Open Discussion: Resilience, Capabilities and Interoperability
- 17:00 Closing remarks, Dr Arnold Dupuy