

Royal Canadian Navy, NATO STO – CMRE & Portuguese Navy to Discuss Data Exploitation at Maritime Information Warfare 2019

Smi Group Reports: Senior military officials will be addressing a key theme on data exploitation at the Maritime Information Warfare conference this November

LONDON, UNITED KINGDOM, July 3, 2019 /EINPresswire.com/ -- A key theme to be discussed at the 3rd Annual Maritime Information conference, taking place on the 18th-19th November 2019, is 'Information as an Enabler: Data exploitation'. This will be addressed by three senior military officials from the Royal Canadian Navy, NATO STO – CRME (Centre for Maritime Research and Experimentation), and Portuguese Navy.

For those interested in attending, there is a £100 early bird discount expiring at midnight on Monday 30th September 2019. Register online at <http://www.maritimeinfowarfare.com/einpr3>

The poster features a dark blue background with a grid of binary code (0s and 1s). In the center, the words "MARITIME INFORMATION WARFARE" are written in large, bold, yellow, distressed-style capital letters. Below this, the dates "18 - 19 November 2019" and the location "London, UK" are displayed in white. At the bottom, the website "www.maritimeinfowarfare.com" and the hashtag "#MIW2019" are listed. The top right corner has the SMI logo. The background image shows a white naval ship at sea.

**MARITIME
INFORMATION
WARFARE**

**18 - 19 November 2019
London, UK**

www.maritimeinfowarfare.com | #MIW2019

Maritime Information Warfare 2019

Featured expert speakers and their presentations on day one of the event include:

Commander Lee Atkinson, DNR 6 (Naval Requirements Communications, Information Systems and Cyber), Royal Canadian Navy will be presenting 'Transforming Data Gathering, Data Storage and Data Exploitation: The Insight Decision Support System'. The presentation will cover:

- Optimizing Big Data and predictive analytics for Canada's maritime situational awareness
- How to gather and exploit intelligence using all of the below to provide a holistic picture: computational intelligence, adaptive behavioural learning, predictive modelling, pattern recognition
- Create actionable intelligence from vast amounts of data being generated in real time from various sources without the need for excessive human input
- Seamless integration into current platforms
- Challenging the trend towards complexity through a streamlined system

Commander Amleto Gabellone, Program Manager - Research Development, NATO STO-CMRE will be presenting 'Using Machine Learning and Forms of AI to Improve Maritime Data Gathering

and Exploitation'. The presentation will cover:

- In what different ways can AI be used to further operational capability and situational awareness through data in the Maritime Domain
- Challenges in developing new techniques and how these can be overcome
- Interoperability in information warfare amongst NATO countries and how it can help achieve superiority

Commander Miguel Bessa Pacheco, Head of Intelligence Division, Portuguese Navy will be presenting 'Boosting Naval ISR Abilities through the Exploitation of SIGINT, GEOINT, and OSINT'. The presentation will cover:

- Engaging with the challenges of gathering, storing and exploring large quantities of data available
- Data mining to maximal effect and the need to balance between under-examining and over-examining data
- Optimising the use of GEOINT and OSINT in support to Maritime Operations
- Case Study on the Portuguese Navy's use of Information Exploitation and how it provides an operational advantage

The 2019 agenda will also cover other key themes including Information Resilience: Systems and Platforms, Information Denial: Cyber Warfare, Information as an Effector, Hybrid Warfare: Cyber and Maritime Domains, and Training for Information Warfare.

The brochure with the full two-day agenda and speaker line up is available to download online at <http://www.maritimeinfowarfare.com/einpr3>

Maritime Information Warfare

18th-19th November 2019

Copthorne Tara Hotel, London, UK

Acting military and government personnel rates are available.

For sponsorship and exhibition enquiries:

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