



AFCEA Europe Workshop  
Thursday, 3 September 2020 - Virtual Event  
Central European Summer Time

## Cyber Security in and for Space Operations

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### PROGRAMME

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- 08:45**      *Virtual Check-In*
- 09:00 - 09:05**    **Welcome and Conference Opening**  
Major General Erich Staudacher, DEU AF (Ret.), General Manager, AFCEA Europe
- 09:05 - 09:20**    **Opening Keynote**  
Dr. Jamie Shea, Professor of Strategic Studies, Exeter University, United Kingdom
- 09:20 - 09:35**    **Keynote Speech: “NATO and Space as an Operational Domain”**  
Brigadier General Frederic Pesme, Deputy Director, Policy & Capabilities Division, International Military Staff, NATO, Belgium
- 09:35 - 09:50**    **Keynote Speech: “Security for the EU Space Systems”**  
Ms. Carine Claeys, Special Envoy, Space Task Force, EEAS, Belgium
- 09:50 - 10:05**    **Keynote Speech: “NATO Space Policy - Recent Developments and Way Ahead”**  
Mr. Gordon Davis, Deputy Assistant Secretary General, Defence Investment Division, NATO, Belgium

## ***Session I: Cyber Threats to Space Missions***

**10:05 - 10:45 Fireside Chat: “Wonderful New Space: Why are cyber-attacks (amongst others) so dangerous in the age of Nano Satellites?”**

Moderator: Mr. Bob Ackerman, Editor in Chief, SIGNAL Magazine, USA  
- Mr. Wolfgang Roehrig, Head of Unit Information Security, European Defence Agency, Belgium  
- Brigadier General (Ret.) Robert Mazzolin, Chief Cyber Security Strategist, RHEA Group, Canada

**10:45 - 11:05 20-minute Break**

**11:05 - 11:20 Keynote Speech**

Mr. Pierre Delsaux, Deputy Director-General, DG DEFIS, European Commission, Belgium

**11:20 - 12:40 Panel 1: “Thinking the Opposite Direction: How Could Cyber Penetration of Space Assets Benefit the Aggressor?”**

Moderator: Mr. Alan Mears, Associate Director, Deloitte, United Kingdom  
- Professor Dr. Paulo Esteves-Verissimo, Full Professor, University of Luxembourg, Luxembourg  
- Ms. Sarah Brown, Senior Scientist, NATO Cyber Security Center, NATO Communications and Information Agency, The Netherlands  
- Dr. Mustafa Shhadih, Department of Engineering Management and Systems Engineering (EMSE), George Washington University (GWU), USA

**12:40 - 13:15 35-minute break**

## ***Session II: What Needs to be Done?***

**13:15 - 13:30 Keynote Speech**

Ms. Kaitlyn Johnson, Associate Director, Aerospace Security Project, Center for Strategic and International Studies, USA

**13:30 - 14:40 Panel 2: “Technology, Policy and Governance to Fix Old and Prevent New Vulnerabilities”**

Moderator: Dr. Beyza Unal, Senior Research Fellow, International Security Programme, Chatham House, United Kingdom  
- Ms. Laryssa Patten, Space and ASG Portfolio Manager, Joint Intelligence, NATO Communications and Information Agency, The Netherlands  
- Lieutenant Colonel Henry Heren, Subject Matter Expert on Space, Joint Air Power Competence Center, Germany

- Ms. Erin M. Miller, VP for Operations, Space-ISAC, National Cyber Security Center, USA
- Dr. Joe Touch, Sr. Distributed Systems Data Architect, The Aerospace Corporation, USA

**14:40 - 14:55 Keynote Speech**

Mr. Martin Ditter, Head of the European Space Security and Education Center, European Space Agency, Belgium

**14:55 - 15:10 Closing Keynote Speech**

Lieutenant General John Thompson, Commander, Space & Missile Systems Center, US Space Command, USA

**15:10 - 15:25 Farewell Remarks**