

MSG-211 Technical Course: “Modelling and Simulation Standards
in NATO Federated Mission Networking”

This technical course will be held online in 2 sessions from 1300-
1730 CET on April 29 and April 30.

Language

All presentations
and discussions will
be held in English



Delivery

Virtual lectures and
discussion



Enrollment

Enroll online at
events.sto.nato.int



Dates

Online Lectures –
29-30 April 2024



MSG-211 Day 1: Online Program

29 April 2024 from 1300–1730 CEST

Introduction to Federated Mission Networking and Applicable M&S Standards

- 1300 Greeting and Introductions, Dr. Curtis Blais
- 1305 1.1 Introduction to Federated Mission Networking, Mr. Kevin Galvin
- 1350 1.2 SISO, IEEE, and NATO M&S standards overview, Dr. Curtis Blais
- 1430 1.3 Overview of C2 Systems – Simulation Systems Interoperation (C2SIM) standard, Dr. Mark Pullen
- 1515 1.4 Break – Presenters will be available for questions/discussion
- 1530 1.5 High Level Architecture (HLA) / NETN standards overview, Mr. Tom van den Berg
- 1615 1.6 Overview of M&S as a Service (MSaaS), Ms. Magdalena Dechand
- 1645 1.7 Benefits of M&S to military commands using FMN, Dr. Curtis Blais
- 1715 1.8 Q&A session to seek feedback with a focus on operational utility of M&S in FMN and issues that need to be addressed in order to ensure uptake by industry
- 1730 End of MSG-211 Day 1 Presentations

MSG-211 Day 2: Online Program

30 April 2024 from 1300–1730 CEST

Detailed Technical Information on the M&S Standards and their Application

- 1300 2.1 MSG-201 activity supporting standardization for FMN, Mr. Kevin Galvin
- 1330 2.2 Overview of the SISO standards process, Dr. Curtis Blais
- 1400 2.3 Technical description of C2SIM including highlights of various experimentation and demonstration events, Dr. Mark Pullen
- 1445 2.4 Break – Presenters will be available for questions/discussion
- 1500 2.5 Walkthrough of supporting ontologies, using Protégé and annotated slides, Ms. Magdalena Dechand
- 1545 2.6 Technical description of HLA/NETN including interoperation with C2SIM and MSaaS, Mr. Tom van den Berg
- 1645 2.7 CWIX Testing of M&S standards for FMN, Dr. Mark Pullen
- 1715 2.8 Q&A session to seek attendee feedback with a focus on the technical aspects of C2SIM
- 1730 End of MSG-211 Day 2 Presentations

Course Instructors

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This technical course is open to citizens from NATO Nations,
Partnership for Peace Nations, and Global Partners.
Participation is subject to approval.

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