

**NORTH ATLANTIC TREATY ORGANIZATION
SCIENCE AND TECHNOLOGY ORGANIZATION**

TECHNICAL COURSE MSG-194

ON

*“EMPLOYING THE C2-SIMULATION INTEROPERATION (C2SIM)
STANDARD FOR COALITION MILITARY OPERATIONS AND EXERCISES”*

ORGANIZED BY THE NATO MODELLING AND SIMULATION GROUP

*To be held **in hybrid mode (in-person and virtual)** on 26 September 2022 (Part 1) and 30 September 2022 (Part 2) in coordination with the NATO Computer-Assisted Analysis, eXercise and eXperimentation (CA²X²) Forum (27-29 September 2022).*

THIS TECHNICAL COURSE IS OPEN TO CITIZENS FROM NATO NATIONS, PARTNERSHIP FOR PEACE NATIONS, AND GLOBAL PARTNERS.

PARTICIPATION IS SUBJECT TO APPROVAL.

PART 1 (26 September 2022, from 0800-1200 EDT / 1400-1800 CEST):

“Overview of C2SIM for all including military commanders and industry leaders”

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| 1400 CEST | Overview of Key Military Enterprise Activities addressed by C2SIM Interoperability: force readiness; support to operations, and concept development/experimentation – Mr Kevin Galvin |
| 1445 | Overview of the history of C2SIM and its capabilities, including the networked architecture used for validation, illustrated by use cases – Dr Mark Pullen |
| 1530 | Operational relevance and utility of C2SIM at the strategic, operational and tactical levels (with reference to the NATO COPD) and in the joint, coalition and multi-agency domain – Mr Kevin Galvin |
| 1600 | Break – presenters available online for discussion |
| 1615 | Projected role of C2SIM in the form of a STANAG and incorporation into NATO agreed standards and procedures for networked interoperability of forces, including an overview of the ontologies and procedure for extending C2SIM – Ms Magdalena Dechand |
| 1700 | Benefits of C2SIM to military commands and industry – Dr Curtis Blais |
| 1730 | Question and Answer session to seek feedback with a focus on operational utility of C2SIM and issues that need to be addressed in order to ensure the uptake of C2SIM by industry |
| 1800 | End of Part 1 Presentations |

PART 2 (30 September 2022, from 0800-1200 EDT / 1400-1800 CEST):

“Detailed technical information on C2SIM and its application”

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| 1400 | C2SIM Standardization and MSG-145 activity supporting the standardization process – Mr Kevin Galvin |
| 1430 | Technical description of C2SIM including some highlights of the various experimentation and demonstration events – Dr Curtis Blais |
| 1500 | Infrastructure available to support C2SIM deployment; in particular, the C2SIM Sandbox – Dr Mark Pullen |
| 1530 | Break – presenters available online for discussion |
| 1545 | Detailed walkthrough of the C2SIM ontologies, using Protegé and popup slides – Ms Magdalena Dechand |
| 1630 | Using C2SIM with MSaaS, DIS, and the DSEEP overlay for HLA-Evolved – Dr Curtis Blais |
| 1700 | C2SIM testing and validation exercise process completed by MSG-145 including lessons learned for operation of C2SIM-based distributed exercises – Dr Mark Pullen |
| 1730 | Question and Answer session to seek attendee feedback with a focus on the technical aspects of C2SIM |
| 1800 | End of Part 2 Presentations |

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Enroll on-line at

<https://events.sto.nato.int>

All presentations and discussions will be held in English.