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# International Society of Military Sciences Conference 2024

Scaling up, Learning Lessons, Ensuring Quality

Swedish Defence University  
Stockholm, September 10-12, 2024





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# INTERNATIONAL SOCIETY OF MILITARY SCIENCES

## PRESIDENT

Kjell Engelbrekt, Professor, Swedish Defence University, [kjell.engelbrekt@fhs.se](mailto:kjell.engelbrekt@fhs.se)

## PAST PRESIDENT

Niels Bo Poulsen, Professor, PhD, Royal Danish Defence College, [nipo@fak.dk](mailto:nipo@fak.dk)

## ISMS SECRETARIAT

David Last, Royal Military College of Canada, [david.last@rmc-cmr.ca](mailto:david.last@rmc-cmr.ca)

## COUNCIL MEMBERS

### CANADA

Pierre Jolicoeur, Professor Royal Military College of Canada, [pierre.jolicoeur@rmc.ca](mailto:pierre.jolicoeur@rmc.ca)

### DENMARK

Niels Bo Poulsen, Professor, PhD Royal Danish Defence College, [nipo@fak.dk](mailto:nipo@fak.dk)

### NETHERLANDS

Rene Moelker, Professor Netherlands National Defence Academy, [r.moelker.01@nlida.nl](mailto:r.moelker.01@nlida.nl)

### FINLAND

Hannu Kari, Professor, Finnish National Defence Academy, [hannu.kari@mil.fi](mailto:hannu.kari@mil.fi)

### AUSTRIA

Markus Gauster, Doctor National Defence Academy Austria, [markus.gauster@bmlv.gv.at](mailto:markus.gauster@bmlv.gv.at)

### NORWAY

Anders McD Sookermany, Norwegian Defence University College, [asookermany@baltdefcol.org](mailto:asookermany@baltdefcol.org)

### SWEDEN

Kjell Engelbrekt, Professor, Swedish Defence University [kjell.engelbrekt@fhs.se](mailto:kjell.engelbrekt@fhs.se)

### THE BALTIC STATES

Zdzislaw Silwa, Doctor Baltic Defence College, [zdzislaw.silwa@baltdefcol.org](mailto:zdzislaw.silwa@baltdefcol.org)

### POLAND

Ryszard Szpyra, Professor, Polish National Defence University, [r.szpyra@gmail.com](mailto:r.szpyra@gmail.com)

### PORTUGAL

João Marreiros, Rear admiral, Doctor Military University Institute of Portugal, [marreiros.jpr@ium.pt](mailto:marreiros.jpr@ium.pt)

## **SECRETARY TO THE ISMS**

David Last, Associate Professor Royal Military College of Canada, [last-d@rmc.ca](mailto:last-d@rmc.ca)

## WORKING GROUP CHAIRS

### **WG 1 War Studies**

Marzena Zakowska, PhD, Director of Global Affairs and Diplomacy Studies, National Security Faculty, War Studies University, Poland  
m.zakowska@akademia.mil.pl

### **WG 2 Military History**

Art Johanson, Lecturer in Military History and Strategic Planning, Baltic Defence College, Estonia  
art.johanson@baltdefcol.org

### **WG 3 Military Technology**

Professor Dr. Hannu Kari, Finnish National Defence University, Finland  
hannu.kari@mil.fi

### **WG 4 Leadership, Command and Basic Competences**

Dr. Peter Olsthoorn, Associate Professor in Military Leadership and Ethics, Netherlands Defence Academy, Netherlands  
peterolsthoorn@gmail.com

### **WG 5 Military Law and Ethics**

Mr. Olavi Jänes, Legal Advisor, Baltic Defence College, NATO Accredited Education and Training Facility, Estonia  
olavi.janes@baltdefcol.org

### **WG 6 Security and Defence Policy Strategy**

Dr. Laurenz Furst, Austrian National Defence University, Austria  
laurenz.fuerst@gmx.at

### **WG 7 Armed Forces and Society**

Dr. Rene Moelker, Dutch Defence College, Netherlands  
r.moelker.01@nlda.nl

### **WG 8 Defence Management and Economics**

Dr. Markus Gauster, Senior Researcher, National Defence Academy, Institute for Peace Support and Conflict Management, (IFK), Austria  
markus.gauster@bmlv.gv.at

### **WG 9 Military Education**

Vacant

### **WG 10 Strategy**

Vacant

## CO-CHAIRS

### **Working Group 1 (War Studies, Operations & Tactics)**

Associate Professor Mikael Weissmann and LTC Lars Henåker (PhD)  
mikael.weissman@fhs.se; lars.henaker@fhs.se

### **Working Group 2 (Military History)**

Senior Lecturer Tae Hon Kim  
TaeHoon.Kim@fhs.se

### **Working Group 3 (Military Technology)**

LTC Kent Andersson (Associate Professor), CPT Thomas Frisk (DTech)  
kent.andersson@fhs.se  
thomas.frisk@fhs.se

### **Working Group 4 (Leadership, Command & Control)**

Postdoctoral Fellow Daniel Packham  
daniel.packham@fhs.se

### **Working Group 5 (Military Law and Ethics)**

Senior Lecturer David Turns  
david.turns@fhs.se

### **Working Group 6 (Security and Defence Policy)**

Analyst Niklas Rossbach (PhD)  
niklas.rossbach@fhs.se

### **Working Group 7 (Armed Forces and Society)**

Senior Lecturer Kristin Ljungkvist  
kristin.ljungkvist@fhs.se

### **Working Group 8 (Defence Management and Economics)**

Associate Senior Lecturer Adriana Ávila-Zúñiga Nordfjeld  
adriana.nordfjeld@fhs.se

### **Working Group 9 (Professional Military Education)**

CPT Lars Wikman (PhD) and Senior Lecturer Björn Sjöblom  
lars.wikman@fhs.se and bjorn.sjoblom@fhs.se

### **Working Group 10 (Strategy)**

Assistant Professor Viktoriya Fedorchak  
viktoriya.fedorchak@fhs.se

# ORGANIZING COMMITTEE

Professor Kjell Engelbrekt, President ISMS 2024  
Professor David Last, Secretary to ISMS  
Marika Metsola Renström, Event Coordinator

## **Addresses**

Swedish Defence University  
Drottning Kristinas väg 37, Stockholm

National Maritime Museum (Sjöhistoriska muséet)  
Djurgårdsbrunnsvägen 24, Stockholm

## **Contact**

President ISMS 2024  
Kjell Engelbrekt  
[kjell.engelbrekt@fhs.se](mailto:kjell.engelbrekt@fhs.se)

## KEYNOTE SPEAKERS

Brigadier General Patrik Gardesten is the present Deputy Chief of Swedish Navy, a position he has had since 2022. As the Swedish Navy consists of both the Fleet and the Marines he is also the senior Marine in the Navy with a background from the Coastal Rangers. He attended the officer's course and graduated from the Naval College as a Second Lieutenant in 1991. General Gardesten has since attended several training and educational courses.

General Gardesten has served on several distinguished assignments prior to the current – which includes JOC Director, head of J3 OPS and head of Defence Plans at Swedish Armed Forces HQ. Other command positions include Battalion CO SWECON TD 01F in Tchad in 2008 and in 2018-2021 he was the Commanding Officer of the Stockholm Marine Regiment.

General Gardesten is a board member of both the Royal Society of Naval Sciences and the Royal Swedish Academy of Warfare Sciences.

General Gardesten lives in Stockholm with his wife Jaeland has a son from a previous marriage.

Antoine Bousquet is Associate Professor in Political Science at the Swedish Defence University, having previously held positions at Birkbeck, University of London.

His work lies at the intersection of war and political violence, the history and philosophy of science and technology, and social and political theory in the digital age.

He is the author of the influential *The Scientific Way of Warfare: Order and Chaos on the Battlefields of Modernity* (now in its second edition) and award-winning *The Eye of War: Military Perception from the Telescope to the Drone*. He has also contributed a wide array of publications on subjects that include Cold War computing, the revolution in military affairs, complexity theory, jihadist networks, nuclear weapons, and the conceptualisation of war and technological change.

He speaks regularly to military audiences, with past engagements comprising the United States, Canada, UK, Japan, India, Sweden, Denmark, and the Netherlands.



## LOCATIONS

### The National Maritime Museum



The National Maritime Museum in Stockholm, opened in 1938, was the result of a 25-year effort initiated by the Association for Swedish Maritime Museums. The idea to establish a museum started in 1913, with the first version opening in 1914 in the Old Town (Gamla Stan), featuring collections on shipping, navigation, and seamanship. By the early 1930s, plans were underway to combine these collections with the national naval war collections in a new building.

The Knut and Alice Wallenberg Foundation donated SEK 800,000 for the museum's construction, with stipulations including a ban on the functionalist style. Architect Ragnar Östberg, known for Stockholm City Hall, won the design competition, but his plans faced scrutiny from a government committee. Built between 1934 and 1935 in Gärdet, the museum adopted a neoclassical style, with some functionalist elements. Officially opened by King Gustav V on 28 May 1938, the museum marked the realization of a long-held vision for Sweden.

## Swedish Defence University



The Swedish Defence University (Försvärshögskolan), located in Stockholm, is a leading institution for military education and research in Sweden. Established in 1997, it succeeded the earlier National Defence College, which dates back to 1818. The university provides advanced education for both civilian and military personnel, focussing on security, defence policy, and strategy, offering officer training, master's degrees, and professional courses.

The university's main campus is situated on Drottning Kristinas väg, featuring a mix of modern and classical architecture designed by architect Erik Ahlsén. The campus blends contemporary functionality with traditional Swedish architectural elements.

A significant part of the officers' training is also conducted at the Military Academy Karlberg (Militärhögskolan Karlberg), located in the historic Karlberg Palace. The palace, designed by architects Jean de la Vallée and Nicodemus Tessin the Elder, is the world's oldest military academy still in operation, founded in 1792. Its 17th-century baroque architecture provides a historic environment that combines traditional military training with modern academic study.

# ISMS 2024 CONFERENCE PROGRAMME

Stockholm, 10-13 September

## ALLIANCES

### SEPTEMBER 10, TUESDAY

- 14:00-15:30 Business Meetings (Onsite or online, Zoom)
- 16:30-18:00 ISMS Joint Meeting (ISMS Council and WG Chairs)
- 18:45-21:00 Icebreaker and Conference Registration  
Opening speech Commandant of the Swedish Defence University Professor Robert Egnell. The Swedish Defence University

### SEPTEMBER 11, WEDNESDAY

- 08:00-09:00 Registration and coffee
- 09:00-09:15 Opening remarks by the President of ISMS 2024 Kjell Engelbrekt
- 09:15-10:00 Keynote speaker, BGen Patrik Gardesten, Deputy Chief of the Royal Swedish Navy
- 10:00-10:15 Coffee break
- 10:15-12:00 Session 1
- 12:00-13:15 Lunch break
- 13:15-15:00 Session 2
- 15:00-15:15 Coffee break
- 15:15-17:00 Session 3
- 17:00-18:30 Individual time
- 18:30 Bus transport to conference dinner from Elite Hotel Arcadia at 18:30 with a stop at Clarion Collection Hotel Tapto at 18:40
- 19:00-22:00 Conference Dinner at the National Maritime Museum (Sjöhistoriska muséet)

**SEPTEMBER 12, THURSDAY**

09:15-11:00 Session 4

11:00-11:15 Coffee break

11:15-12:00 Wargaming session

12:00-13:15 Lunch break

13:15-15:00 Session 5

15:00-15:15 Coffee break

15:15-16:00 Closing keynote, Assoc. Prof. Antoine Bousquet, Swedish Defence University

16:00-16:30 Wrap-up

**SEPTEMBER 13, FRIDAY**

09:00-11:00 ISMS Council Meeting

11:00-12:00 Lunch

14:00-15:00 Publication Meeting (Online, Zoom)

## BUSINESS MEETINGS

The business meetings will be held onsite at the Swedish Defence University and online.

### **MILITARY SCIENCE LIBRARIANS – 14:00-15:30 Stockholm, Tuesday 10 September**

Martin Gurák of the Anna Lindh Library, Swedish Defence University, will facilitate this year's meeting. It will consist of a round-table discussion of library responses to the challenges of artificial intelligence and student outreach. Dr. Lucie Moussu will announce a conference, "Frontiers of Integrity: The Impact of Generative AI on Military Post-Secondary Institutions," to be held online 21-23 May 2025. Other subjects may be raised for continuing engagement.

### **MILITARY SCIENCE EDITORS – 14:00-15:30 Stockholm, Tuesday 10 September**

Ragnild Lome of the Scandinavian Journal of Military Studies will facilitate this year's meeting.

Join the Scandinavian Journal of Military Studies to discuss the *raison d'être* of academic military publishing in this business meeting for military journals and editors. You do not have to be an editor to join – if you are curious about how journals think and make decisions, please participate! Chief editor of SJSM, Major Søren Sjøgren, PhD, will begin the meeting by presenting key points in the editorial practice of SJMS. Afterwards, Ragnild Lome, the journal manager of SJMS, will present the challenges of finding suitable reviewers. Afterwards, a discussion will be held around challenges for academic publications within military studies in the coming years.

### **PUBLICATION MEETING – 14:00-15:00 Stockholm, Friday 13 September**

David Last of the Royal Military College of Canada will facilitate this meeting of people interested in a military sciences publication group.

We are looking for editors, authors, and contributors. ISMS has successfully published an online Handbook of Military Sciences with Springer, and Working Group 1 (War Studies) has submitted a manuscript to Routledge reflecting work at ISMS conferences. As an alternative to the expensive scholarly publications, ISMS has an arrangement with the NATO DEEP E-Academy and the Polish Association of Security Studies to publish free online e-books.

This meeting will discuss editorial boards, review processes, and shared workload to produce high-quality free publications to meet the needs of ISMS member institutions.

## WORKING GROUPS

1. War Studies, Operations & Tactics
2. Military History
3. Military Technology
4. Military Leadership, Command and Control and Basic Competences
5. Military Law and Ethics
6. Security and Defense Policy Strategy
7. Armed Forces and Society
8. Defence Management and Economics
9. Professional Military Education
10. Military Strategy

## PRACTICAL INFORMATION FOR THE CONFERENCE PARTICIPANTS

### TUESDAY, SEPTEMBER 10

- Registration at the Swedish Defence University, Drottning Kristinas väg 37, will begin at 6:00 PM.
- The Commandant of the Swedish Defence University, Professor Robert Egnell, will deliver the opening speech during the icebreaker event and conference registration, which starts at 6:45 PM. A light dinner and drinks will be served in the officers' mess.
- Please arrive on time, as there will be many participants registering simultaneously. Remember to bring your passport or other valid ID.

### WEDNESDAY, SEPTEMBER 11

- Registration will take place from 08:00 to 09:00 at the Swedish Defence University.
- At 09:00, the President of ISMS 2024, Professor Kjell Engelbrekt from the Swedish Defence University, will officially open the conference. Following this, Brigadier General Gardesten will deliver the keynote address from 09:15 to 10:00.
- The presentation of abstracts will commence at 10:15.
- Lunch will be served from 12:00 to 13:15 in the Officers' Mess.
- The conference day will conclude at 17:00.
- Bus transportation to the conference dinner will depart from Elite Hotel Arcadia at 18:30, with a stop at Clarion Collection Hotel Tapto at 18:40.
- The conference dinner will be held at the National Maritime Museum from 19:00 to 22:00, with transportation back to Hotel Arcadia and Hotel Tapto departing at 22:15.

### THURSDAY, SEPTEMBER 12

- The presentations of abstracts will begin at 09:15. Lunch will be served from 12:00 to 13:15 in the Officers' Mess.
- Abstract presentations will conclude at 15:00, followed by the closing keynote speech, which will run until 16:00.
- The conference will wrap up with a closing session, lasting until 16:30.

**DRESSCODE**

	<b>Uniform</b>	<b>Civilian</b>
Dinner	<b>Service dress</b> Day uniform with jacket and tie. Medal ribbons.	<b>Informal</b> Business suit (one color) and tie.
Conference and Icebreaker	<b>Working dress</b> Service dress without jacket. Pullover/sweater can be worn.	<b>Business casual</b> Blazer/tweed jacket and tie. Two colors possible. Or <b>Casual</b> Open neck, no jacket.



# DETAILED SCHEDULE

## TUESDAY 10 SEPTEMBER 2024

- 14:00 - 15:30** **Business meetings**, Room Granatkastaren (Onsite or online, Zoom)
- Introduction
  - Editors' meeting
  - Librarians' meeting
- 16:30 - 18:00** **ISMS Joint Meeting (ISMS Council, WG Chairs and co-chairs)**  
*Leijonsköldska Hall*
- 18:45 - 21:00** **Icebreaker and conference registration. Opening speech by the commandant of the Swedish Defence University**,  
Restaurant The Propeller and the Officers' mess

## WEDNESDAY 11 SEPTEMBER 2024

- 08:00 - 09:00** **Registration and coffee**
- 09:00 - 09:15** **Opening speech** by Prof. Kjell Engelbrekt, President ISMS 2024
- 09:00 - 09:15** **Opening keynote speaker, Sverigesalen (Sweden Hall)**  
"Our Navies will stay committed, now and beyond"  
BGen Patrik Gardesten, Deputy Chief of the Royal Swedish Navy
- 10:15 - 12:00** **WG 1 War Studies, Operations & Tactics, Sverigesalen (Sweden Hall)**
- Session chair: Lars Henåker
- WAR IN UKRAINE
- "Reevaluating Urban Warfare: Lessons and Strategies from the Ukraine Conflict"  
--Mikael Weissmann, Department of War Studies, Swedish Defence University  
--Douglas W. Winton, Dwight D. David Eisenhower School for National Security and Resource Strategy, National Defense University
- "Possible approaches to assessing the resilience of the defense of a group of troops to be taken into account when planning operations"  
--Oleksandr Maistrenko, Department of Special Operations Forces of the Command and Staff Institute of Troops (Forces) Employment of the National Defense University of Ukraine (online)

“Combat cohesion in Ukraine”

--*Daniel Smith*, Department of War Studies, Swedish Defence University

**10:15 - 12:00 WG 2 Military History, N203A**

Chair: Art Johanson

Co-chair: Tae Hoon Kim

“Growing Pains: organizational, logistical, and doctrinal difficulties and challenges of expanding The Union Army during the American Civil War”

--*Michał Mydłowski*, Unaffiliated

“Romania after the territorial unification: planning for the next war, between expectations and realities (1920-1940)”

--*Tudor Vişan-Miu*, Institute for Political Studies of Defence and Military History

**10:15 - 12:00 WG 3 Military Technology, N203B**

Session chairs: Thomas Frisk and Kent Andersson

LOGISTICS

“Advanced methodologies applied in a dynamic maintenance context”

--*Suzana Lampreia*, Science & Technology Department, Portuguese Naval Academy – CINAV, Almada

“Medium Calibre Cannon Analysis for CA Armoured Fighting Vehicles”

--*Ian Plante-Signal*, Department of Applied Military Science, Royal Military College of Canada

“Enhancing European Ammunition Production: Challenges and Strategic Initiatives in Response to Increased Defense Demands”

--*Martin Lundmark*, Department for Systems for Defence and Security, Swedish Defence University

--*Roland Hellberg*, Department for Systems for Defence and Security, Swedish Defence University

**10:15 - 12:00 WG 4 Military Leadership, Command and Control and Basic Competences, N205B**

Chair: Peter Olsthoorn

Co-chair: Daniel Packham

## STRATEGIC LEADERSHIP AND MISSION COMMAND IN NATO AND MULTI-DOMAIN CONTEXTS

“Negotiation as a key enabler in multi-domain operations”

--Pedro Agua, CINA, Escola Naval, Instituto Universitário Militar

“Multinational Mission Command: Prospects and Challenges in a NATO context”

--Søren Sjøgren, Royal Danish Defence College

--Niklas Nilsson, Department of War Studies, Swedish Defence University

“Developing an integrative model for observational measurement of attributes of mission command, and of the recognition primed decision-making model”

--Andre Korsmo Berntsen, Dozentur Führung & Kommunikation, Military Academy at ETH Zurich

“Investigation of language communication efficiency for international military operations”

--Alan K.O. Li, Department of Applied Military Science, Royal Military College of Canada

### **10:15 - 12:00 WG 5 Military Law and Ethics, N206A**

Chair: Olavi Jänes

Co-chair: David Turns

“Unrecognized states as a challenge for international security”

--Milena Palczewska, War Studies University, Poland

### **10:15 - 12:00 WG 6 Security and Defense Policy Strategy, Gripen**

Chair: Laurence Furst

Co-chair: Niklas Roszbach

## CONTEMPORARY CHALLENGES TO EUROPEAN SECURITY ARCHITECTURE

--Toms Rostoks, Latvian National Defence Academy

--Ieva Berzina, Latvian National Defence Academy

--Janis Berzins, Latvian National Defence Academy

**10:15 - 12:00 WG7 Armed Forces and Society, N206B**

Chair: Rene Moelker  
Session chair: Kristin Ljungkvist

“Taiwanese Ukraine War Veterans Experiences of Returning to Taiwan”  
--*Marcel Mangold*, Department of War Studies, Swedish Defence University

“Finnish reservists and solidarity with NATO's collective defence”  
--*Miina Kaarkoski, Helena Kilpeläinen and Reetta Riikonen*, Finnish National Defence University

“Dynamics of Intra-Insurgent Conflict in Afghanistan: Analyzing the Afghan Taliban and Islamic State Khorasan (IS-K) Post-August 2021”  
--*Waris Miratif*, Institute of Political Studies at Charles University in Prague

“Operation Welcome: Analyzing the Brazilian Military's Role in the Venezuelan Migration Crisis”  
--*Gustavo Simões*, School of Command and General Staff College

**10:15 - 12:00 WG 8 Defence Management and Economics, N205A**

Chair: Markus Gauster  
Co-chair: Adriana Ávila-Zúñiga Nordfjeld

“Purposeful Military Capability Development Decisions: When is Who Responsible for Understanding What?”  
--*Patrik Stensson and Kent Andersson*, Department of Systems Science for Defence and Security, Swedish Defence University

“Military capability development – perspectives on an entangled ‘ecosystem’”  
--*Johanna Jungwallius*, Department of Systems Science for Defence and Security, Swedish Defence University

**10:15 - 12:00 WG 9 Professional Military Education, Leijonsköldska Hall**

Session chairs: Lars Wikman and Björn Sjöblom

DIGITALIZATION OF PME

“Addressing the digital deficit in professional military education”  
--*Veronika Poniscjakova*, University of Portsmouth

“Before ‘Skynet’: Cultivating digital phronesis in Canadian military professional development programs”

--Anne Reiffenstein, Royal Roads University

“Digitalisation of Professional Military Education: Two Case Studies of VLE Transformation in the RAF”

--Veronika Poniscjakova, Portsmouth Military Education Team, University of Portsmouth

“Embracing Digital Transformation in Professional Military Education: Maintaining Relevance, Resilience, and Success”

--William Combes, Baltic Defence College

**10:15 - 12:00** **WG 10 Military Strategy, Klassrum 2000**

Session chair: Viktoriya Fedorchak

AIR POWER IN THE RUSSO-UKRAINE WAR: THE CURRENT STATE OF PLAY

“The air war in Ukraine: from dispersal to Kursk incursion”

--Viktoriya Fedorchak, Department of War Studies, Swedish Defence University

“Analysis of the conditions of combat operations of the Ukrainian Air Force’s tactical aviation during the Russia-Ukraine war”

--Roman Nevzorov, Ivan Kozhedub Kharkiv National Air Force University

“Air Power And Conflict: Lessons from the Ukrainian Air Force”

--Oleksii Shulha, Ivan Kozhedub Kharkiv National Air Force University

**12:00 - 13:15** **Lunch, Officers’ mess**

**13:15 - 15:00** **WG 2 Military History, N203A**

Chair: Art Johanson

Co-chair: Tae Hoon Kim

“Desired SEAD Lessons: The Contested History of Israel’s June 1982 Bekaa Valley Operation”

--Roland Popp, Military Academy at ETH Zurich

“The operational environment in Helmand 2006-14 - an analysis of the utilization of intelligence capabilities in Danish counterinsurgency operations”

--Jesper Nielsen, Royal Danish Defence College

**13:15 - 15:00** **WG 3 Military Technology, N203B**

Session chairs: Thomas Frisk and Kent Andersson

## SOCIO-TECHNICAL CHALLENGES

““Artificial Intelligence” in Military Missions – Public Opinion about a new Phenomena”

--Stefano De Rosa, Swiss Military Academy (MILAC)

“Multi-sited ethnography of military drone operators: first reflections on military identity and community at a Canadian drone unit”

--Bibi Imre-Millei, Lund University

“A Sea of Information: The information domain in the maritime environment”

--Isaac Nitschke, Canadian Armed Forces

### **13:15 - 15:00 WG 4 Military Leadership, Command and Control and Basic Competences, N205B**

Chair: Peter Olsthoorn

Co-chair: Daniel Packham

#### DEVELOPING LEADERS. WELL-BEING, RESILIENCE AND PERFORMANCE IN WAR AND OTHER HIGH-INTENSITY ENVIRONMENTS

“Effect of PTSD on Ukrainian Military Leadership in the times of war”

--Nino Tabeshadze, Centre for total defence and societal security, Swedish Defence University

“Effectiveness of a Positive Psychology Intervention on Resilience Enhancement Among Cadets: A Longitudinal Study”

--Lobna Cherif, Royal Military College of Canada

“Officer Cadet Education and Training in the British Indian Army during WW2: Lessons from Combat Arms Curriculum and Syllabus Change”

--Rob Hilliard, Swedish Defence University

“Surveying conscripts’ satisfaction regarding changes in leave arrangements during the Covid-19 pandemic”

--Jouko Vankka, Finnish National Defence University

### **13:15 - 15:00 WG 6 Security and Defense Policy Strategy, Gripen**

Chair: Laurence Furst

Co-chair: Niklas Roszbach

“Force Multipliers: Providing Quality Advice to Defence and Security Stakeholders”

--Harry Kowal, The Royal Military College of Canada

**13:15 - 15:00 WG 7 Armed Forces and Society, N206B**

Chair round table: Alicia Fjällhed

**SWEDEN'S PSYCHOLOGICAL DEFENCE**

- Alicia Fjällhed, Swedish Defence Research Agency
- Niklas Rossbach, Swedish Defence University
- Fredrik Stiernstedt, Södertörn University
- Mikael Granberg, Karlstad University
- Ola Svenonius, Swedish Defence Research Agency

**13:15 - 15:00 WG 8 Defence Management and Economics, N205A**

Chair: Markus Gauster

Co-chair: Adriana Ávila-Zúñiga Nordfjeld

“Exploring strategic, economic, and institutional interests of EU members in European defence industry: quantitative analysis of EU financing for defence”  
--Ringailė Kuokštytė, General Jonas Žemaitis Military Academy of Lithuania

“Bridging defence, international politics, and market perspectives to analyse the impact of crises on shipping”  
--Adriana Avila-Zuniga-Nordfjeld, Swedish Defence University

“Effects of Security Alliance Membership on Logistical Growth: A Nordic Case Study”  
--Imoh Antai, Division of War Studies, Swedish Defence University

**13:15 - 15:00 WG 9 Professional Military Education, Leijonsköldska Hall**

Session chairs: Lars Wikman and Björn Sjöblom

**WARGAMES AND PRACTICAL ASSESSMENT IN PME**

“Researching wargaming in military education: A call for concerted efforts”  
--Björn Sjöblom, Swedish Defence University

“From Battlefield to Classroom: Incorporating War Games and Staff Rides in Professional Military Education (PME) to enhance Urban Combat preparedness”

--Jonas Björkqvist and Mikael Weissmann, Land Operations Division, Department of War Studies, Swedish Defence University

“Wargaming Tomorrow's Threats: Educating Through Red Teaming

Simulations”  
--Tali Stambulchik, Wikistrat

**13:15 - 15:00 WG 10 Military Strategy, Klassrum 2000**

Session chair: Viktoriya Fedorchak

TRENDS IN MODERN WARFARE I

“Cognitive resistance”  
--Andreas W. Stupka, Mag. Dr. BrigGen, Austrian Ministry of Defence

“European military transformation during the war in Afghanistan”  
--Marcel Berni, Swiss Military Academy at ETH Zurich

“The impact of hybrid threats on operations in modern warfare”  
--Viktor Savchenko, Deputy of COS, 30 Marine Infantry Corps Armed Forces of Ukraine

**15:00 - 15:15 Coffee break**

**15:15 - 17:00 WG 1 War Studies, Operations & Tactics, Bure**

Session chair: Ronald Ti

INFORMATION SPACE AND THE COGNITIVE FRONTIERS OF WARFARE

“Information Warfare Beyond Technology: Understanding the Psychological Dimension of the Russian-Ukrainian Conflict”  
--Mariana Grilli Belinotte, Post-Graduate Program in Military Sciences, Brazilian Army Command and General Staff College

“Shifting Battlespaces: Navigating the Cognitive Frontiers of War in the 21st Century”  
--Lukasz Kamienski, Jagiellonian University in Krakow

“Bioweapon conspiracies: cognitive warfare based on viral stories about genetically manipulated pathogens”  
--Alicia Fjällhed, Swedish Defence Research Agency (FOI), Sweden  
--David Gisselsson Nord, Division of Clinical Genetics, Faculty of Medicine, Lund University

**15:15 - 17:00 WG 2 Military History, N203A**

Chair: Art Johanson



Co-chair: Tae Hoon Kim

“How Soviet chemical weapons were perceived by the Swedish armed forces during the inter-war period, and why this still matters a century later”  
--Gunnar Åselius, Department of Military History, Swedish National Defence University

**15:15 - 17:00 WG3 Military Technology, N203B**

Session chairs: Thomas Frisk and Kent Andersson

METHODOLOGY AND TECHNOLOGY

“Modelling Military as an Open, Socio-technical System”  
--Juha Kai Mattila, Aalto University

“Forming an analytic framework for the communication of the Military Utility of Technology”  
--Patrik Stensson, Swedish Defence University  
--Kent Andersson, Swedish Defence University

**15:15 - 17:00 WG 4 Military Leadership, Command and Control and Basic Competences, N205B**

Chair: Peter Olsthoorn

NEW OPERATIONAL CHALLENGES AND MODERN DOCTRINE

“Grey Zones and Modern Wars: Ramping up for New Challenges”  
--David Last, Royal Military College of Canada

“Do drones dream of transparent battlefields? Dealing with past and future alternatives to the tactical crisis in contemporary warfare”  
--Sandro Teixeira Moita, Brazilian Army Command and General Staff College

“The Evolution of South African Operational Art: From an African Way of War to Doctrine”  
--Abel Esterhuysen, Stellenbosch University, Department of Strategic Studies

**15:15 - 17:00 WG 5 Military Law and Ethics, N206A**

Chair: Olavi Jänes  
Co-chair: David Turns

“The role and the legal status of the military intelligence in combatting hybrid threats”

--Eerik Heldna, Estonian Military Academy

“International law applicable to the protection of submarine cables: the national security threat that nobody talks about”

--Ahmed Abdel Hakam, Volterra Fietta & University of Geneva

“Mistakes of Fact, Intelligence and Precautions”

--Emma Breeze, University of Birmingham

**15:15 - 17:00 WG 6 Security and Defense Policy Strategy, Gripen**

Chair: Laurence Furst

Co-chair: Niklas Roszbach

“Ecocide and Destroying Environment to Gain Advantage on the Battlefield – The Case of Environmental Destruction in Ukraine”

--Silvia Sommarberg, Department of Leadership and Military Pedagogy, Finnish National Defence University

“Increased tensions in the Indo-Pacific. Strategic implications for the Danish-Indian partnership”

--Anne Sofie Schøtt, Royal Danish Defence College, Institute for Strategy and War Studies

**15:15 - 17:00 WG 7 Armed Forces and Society, N206B**

Chair: Rene Moelker

Co-chair: Kristin Ljungkvist

“Civil-Military Relations Revisited: Paramilitary Organisations and the Civilian Defence Capacity in Georgia”

--Rusudan Zabakhidze, Swedish Defense University, Department of War Studies

“‘Unleashing the power of individuals’ – (Un-)Desirable Urban Futures and sociotechnical imaginaries of civil defence as participatory war”

--Kristin Ljungkvist, Department of War Studies, Swedish Defence University

“Aspects on the Comprehensive National Defence”

--Teija Sederholm, National Defence University  
Maria

“The civic dimension of resilience: the case of Finland and Latvia”

--Ieva Bērziņa, National Defence Academy of Latvia & Vidzeme University of Applied Sciences

**15:15 - 17:00 WG 8 Defence Management and Economics, N205A**

Chair: Markus Gauster  
Co-chair: Adriana Ávila-Zúñiga Nordfjeld

“Terrorist financing and economic consequences of terrorism: the case of Irish Republican Army (IRA)”

--Adriana Ávila-Zúñiga Nordfjeld, Swedish Defence University, Department of Systems Science for Defence and Security

--Dimitrios Dalaklis, World Maritime University, Maritime Safety and Environmental Administration

“The Three Seas Initiative from the perspective of the Copenhagen School”

--Marta Gębska, War Studies University, Faculty of National Defence, Department of International Security and Diplomacy

“The Israel/Hamas Armed Conflict – Another Validation of Maritime Domain Criticality During the 21st Century”

--Harold Workman, World Maritime University

--Dimitrios Dalaklis, World Maritime University

--Adriana Ávila-Zúñiga-Nordfjeld, Swedish Defense University

**15:15 - 17:00 WG 9 Professional Military Education, Leijonsköldska Hall**

Session chairs: Lars Wikman and Björn Sjöblom

DEVELOPING CRITICAL THINKING IN PME

“European and North American Perspectives on Developing Critical Thinking in Military Education”

--Kyrre Tromm Lindvik, NATO Special Operations University

--Danic Parenteau, Royal Military College Saint-Jean

--Anne Marie Hagen, Norwegian Defence University College

--Kjetil Enstad, Norwegian Military Academy

--Carsten F. Rønnfelt, Norwegian Military Academy

**15:15 - 17:00 WG 10 Military Strategy, Klassrum 2000**

Session chair: Viktoriya Fedorchak

TRENDS IN MODERN WARFARE II

“The Russian Semi-privatization of War: The Case of Wagner in Ukraine”

--Emmanuel Karagiánnis, Department of Defence Studies, King's College London

“Balancing violence and restraint: warfare types and patterns of landmine use”

--Henrique Garbino, Department of War Studies, Swedish Defence University

“The Significance Aspect of Information Operation and Warfare in the South China Sea Conflict”  
--*Bagus Jatmiko*, Indonesian Navy & Information Sciences Department & Naval Postgraduate School (*online*)

“Methodology and Studying Strategy Sensibly”  
--*Lukas Milevski*, Leiden University

**17:00 - 19:00 Individual time**

**19:00 - 22:00 Conference dinner, *The National Maritime Museum***

#### **THURSDAY 12 SEPTEMBER 2024**

**09:15 - 11:00 WG 1 War Studies, Operations & Tactics, *Sverigesalen (Sweden Hall)***

Chair: David Last

HYBRID/PRIVATE/AI

“The impact of hybrid threats on operations in modern warfare”  
--*Viktor Savchenko*, Deputy of COS, 30th Marine Infantry Corps Armed Forces of Ukraine

“The challenge of public-private partnerships towards grand strategy designs for defence”  
--*Megghi Pengili*, University of Leeds

“The Potential of AI to Alter Warfare in the Air Domain: A Review of Recent Discussions and Battlefield Developments”  
--*Marcel Mangold*, Department of War Studies, Swedish Defence University

“The operational level of war: Definitions and its relation to operational art”  
--*Sebastian Conte*, Norwegian Defence University College

**09:15 - 11:00 WG 2 Military History, N203A**

Chair: Art Johanson

Co-chair: Tae Hoon Kim

“Desertion and the perception of war among Finnish deserters to Sweden in World War II”  
--*Moa Hanson*, Department of History, Uppsala University

“Early Swedish-US military cooperation 1943-1955”  
--*Gellert Hardi-Kovacs*, Independent researcher

“Military or humanitarian aid? Sweden, neutrality and the case of FRELIMO in Mozambique 1964–1975”

--*Christian Kjellsson*, Department of Military History, Swedish Defence University

**09:15 - 11:00 WG 4 Military Leadership, Command and Control and Basic Competences, N205B**

Chair: Peter Olsthoorn

LEADERSHIP IN THE MILITARY AND SOCIETY DURING WAR AND CRISIS

“Civilian Institutions, Military Relations: Ukrainian Institutions of Higher Education in Total War”

--*Kateryna Zorya*, Department of History and Contemporary Studies, Södertörn University

--*Helena Hermansson*, Department of Leadership and Command & Control, Swedish Defence University

--*Sara Bondesson*, Department of Leadership and Command & Control, Swedish Defence University

“Implementation of measures during an epidemiological high-risk situation in a militia formation of the Swiss Armed Forces and their consequences”

--*Michael Brönnimann*, Department of Diagnostic, Interventional and Paediatric Radiology, Bern University Hospital, University of Bern

--*Mauro Tarca*, University of Bern

**09:15 - 11:00 WG 5 Military Law and Ethics, N206A**

Chair: Olavi Jänes

Co-chair: David Turns

“Divergence and Convergence: Representations of IHL in Video Games”

--*Emma Breeze*, University of Birmingham

“Ethics and Morality During Military Armed Conflicts: A Dilemma of Choice or an Existing Possibility of Norms”

--*Katerina Veljanovska Blazhevaska*, MIT University, North Macedonia

**09:15 - 11:00 WG 6 Security and Defense Policy Strategy, Gripen**

Chair: Laurence Furst

Co-chair: Niklas Roszbach

“Cognitive warfare is emotional subversion: Reorienting the emerging research agenda”

--*Samuel Zilincik*, Tomas Bata University/Czech University of Defence

“Intelligence, Influence Operations and Cyber Attacks: A Contemporary Taxonomy of Information Warfare”

--*Mariana Grilli Belinotte*, Post-Graduate Program in Military Sciences, Brazilian Army Command and General Staff School

“Allies entrapped in the grey zone: War gaming offensive cyber in multilateral operations”

--*Mikkel Storm Jensen*, Royal Danish Defence College

“Russia's Mental Warfare and Europe's Resilience Amidst the Shadow of Hybrid Threats”

--*Janis Berzins*, National Defence Academy of Latvia & BA School of Business and Finance

**09:15 - 11:00 WG 7 Armed Forces and Society, N206B**

Chair: Rene Moelker

Co-chair: Kristin Ljungkvist

“Disinformation dynamics: Social media's role in shaping modern information warfare”

--*Dorota Domalewska*, War Studies University

“The influence of processes of information warfare to societies resilience (case of Lithuanian Riflemen's Union)”

--*Viktor Denisenko*, General Jonas Zemaitis Military Academy of Lithuania

“Birdwatchers on Social Media: The Mediatization of Intelligence Organisations”

--*Peter B.M.J. Pijpers*, Netherlands Defence Academy

--*Lotte Nietzsche*, Netherlands Defence Academy

--*Peter Schrijver* Netherlands Defence Academy

**09:15 - 11:00 WG 8 Defence Management and Economics, N205A**

Chair: Markus Gauster

Co-chair: Adriana Ávila-Zúñiga Nordfjeld

“Hedging Fuel Price Risk in the Canadian Department of National Defence: An Exploratory Study”

--*Naceur Essaddam*, Royal Military College of Canada

**09:15 - 11:00** **WG 9 Professional Military Education, Lejonsköldska Hall**

Session chairs: Lars Wikman and Björn Sjöblom

FUTURE DEVELOPMENTS IN PME

“A visible and clear learning progression for professional military education”

--Lars Wikman, Department of War Studies, Swedish Defence University

--Emma Björnehed, Department of War Studies, Swedish Defence University

“Shaping Our Future: Reflections and recommendations on professional military education at the Royal Military College of Canada”

--Isaac Nitschke, Canadian Armed Forces

**11:00 - 11:15** **Coffee break**

**11:15 - 12:00** **Wargaming session, Sverigesalen (Sweden Hall)**

**12:00 - 13:15** **Lunch, Officers' mess**

**13:15 - 15:00** **WG 1 War Studies, Operations & Tactics, Sverigesalen (Sweden Hall)**

Session chair: Lars Henåker

ASPECTS OF THE RUSSIAN MILITARY FORCE

“Irregular Dimension of the Russian Military Forces: Ensuing Implications in the Wartime and Post-War Settings”

--Arasli Jahangir, Senior Research Fellow, Institute for Development & Diplomacy at the ADA University (Azerbaijan)

“Drone Warfare and Mimetic Theory: The Case of Russia and Ukraine”

--Arash Pashakhanlou, Swedish Defence University

“The Africa Corps/Wagner Group: A Vehicle for Authoritarian Conflict Management”

--Christopher Spearin, Canadian Forces College

**13:15 - 15:00 WG2 Military History, N203A**

Chair: Art Johanson  
Co-chair: Tae Hoon Kim

“Boots on the Ground: Civil-Military Practice and Policy in Allied-Occupied Germany (1945-49)”  
--*Katherine Rossy*

“Asmus strategic vision makes a comeback: Finnish-Swedish role in defending the Baltics”  
--*Andris Banka*, University of Greifswald

“The neutral Past – How military history used in staff rides can facilitate learning and help officers prepare for future operations”  
--*Anna Sofie Schøning*, Royal Danish Defence College

**13:15 - 15:00 WG 5 Military Law and Ethics, N206A**

Chair: Olavi Jänes  
Co-chair: David Turns

“Terrorism in Armed Conflicts: A Breach of Norms or an Element of Strategic Culture as per Example of the Russian Federation and Soviet Union”  
--*Maria Juczevska*, War Studies University, Poland

“The legal and operational challenges of the categorization of Swedish police as combatants”  
--*Carina Lamont*, Department of International and Operational Law, Swedish Defence University

**13:15 - 15:00 WG 6 Security and Defense Policy Strategy, Gripen**

Chair: Laurence Furst  
Co-chair: Niklas Roszbach

“Geopolitical Futures and Force Structure Planning”

--*Robert Addinall*, Royal Military College of Canada (*online*)

“Operationalizing Psychological Defense: A framework for assessing, addressing and evaluating hybrid threats in democratic societies”  
--*Mikael Weissmann*, Department of War Studies, Swedish



Defence University  
--Niklas Nilsson, Department of War Studies, Swedish Defence  
University

**13:15 - 15:00 WG 7 Armed Forces and Society, N206B**

Chair: Rene Moelker  
Co-chair: Kristin Ljungkvist

“Towards greater diversity in the military. How can we prepare officer/naval cadets to become agents of cultural change in the armed forces?”  
--Danic Parenteau, Collège militaire royal de Saint-Jean

“Societal Gender Equality and Military Effectiveness”  
--Erik Melander, Department of Peace and Conflict Research, Uppsala  
University

“Changes in the status of women in the Lithuanian Armed Forces within the context of civil-military relations”  
--Ausra Kaminskaite, General Jonas Zemaitis Military Academy of Lithuania

**13:15 - 15:00 WG 8 Defence Management and Economics, N205A**

Chair: Marcus Gauster  
Co-chair: Adriana Ávila-Zúñiga Nordfjeld

“The U.S. Flagged Commercial Fleet – A National Security Cornerstone of a Previous Era & a 21st Century’s Liability”  
--Harold Workman, World Maritime University  
--Dimitrios Dalaklis, World Maritime University  
--Adriana Ávila-Zúñiga-Nordfjeld, Department of Systems Sciences for Defence and Security, Swedish Defense University

“Climate-Military Nexus: Perspectives for Global Peace, Security and Sustainability”  
--Dr Khalid Shafi, Institute of Strategic Studies, Research and Analysis, National Defense University, Pakistan

**15:00 - 15:15 Coffee break**

**15:15 - 16:00 Closing keynote speaker, “Between Hype and Revolution: Making Sense of the AI Wave for Military and Strategic Affairs”** Assoc. Prof. Antoine Bousquet, Swedish Defence University, *Sverigesalen (Sweden Hall)*

**16:00 - 16:30 Wrap-Up, Sverigesalen (Sweden Hall)**

**FRIDAY 13 SEPTEMBER 2024**

**09:00 - 11:00** ISMS Council Meeting (ISMS Council Members), *Leijonsköldska Hall*

**11:00 - 12:00** Lunch (ISMS Council Members), *Leijonsköldska Hall*

**14:00 - 15:00** Publications Meeting, (Online, Zoom)



The Swedish Defence University is a specialised higher education institution that conducts research and educates officers and students in the fields of defense, crisis management, and security. We offer educational programs at all academic levels, with around 2,000 students and approximately 450 staff members. We are located in Karlstad and Stockholm.

The Swedish Defence University teaches and conducts research in six subjects: war studies, political science, law with a focus on international and operational law, systems science for defence and security, leadership and command & control and military history.

The academic research at the Swedish Defence University is relatively young compared to the university's 200-year history. The process of academisation has particularly accelerated in the last ten years. We have about 20 professors, around 40 associate professors, around 40 doctoral students and 80 military teachers. Our research is largely applied, meaning there is a particularly close connection between our research and its societal benefits.

Our researchers cover the military and civilian aspects of defence, crisis management and security. Their research ranges from security policy, civilian crisis management and leadership to war, defense and military operations.

We provide knowledge about security in international and national crises and wars. This includes research on what affects the possibilities to prevent and manage crises, conflicts and wars, and to establish security. The military and civilian aspects of defense, crisis management and security are studied, particularly the area of civil-military relations and cooperation.

We are a meeting place for the civilian and military spheres that brings together a wide range of experts, such as researchers of war studies, political science, historians, international lawyers, psychologists, and officers.

### **Our campuses**

We have two campuses, both located in central Stockholm. Our civilian programmes and courses, as well as our higher military education, are located at Drottning Kristinas väg 37. The Officers' Programme is located at Karlberg.