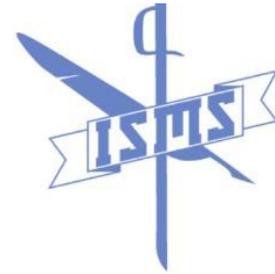




AUSTRIAN
ARMED FORCES
National Defence Academy



ISMS Conference 2019

BUILDING MILITARY SCIENCE FOR
THE BENEFIT OF SOCIETY

Vienna, 18-20 November 2019

CONFERENCE SCHEDULE



International Society of Military Sciences 2019 Conference

Vienna, Austria, November 18-20

Building Military Science for the Benefit of Society

President:

Brigadier General Dr. Wolfgang Peischel, Austrian National Defence Academy, wolfgang.peischel@bmlvs.gv.at

Past president:

Ryszard Szypra, War Studies University, Poland, r.szypra@gmail.com

President-elect:

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

Conference Chair: Robert Romano, Austrian National Defence Academy, robert.romano@bmlv.gv.at

ISMS Secretary: David Last, Royal Military College of Canada, last-d@rmc.ca, or info@isofms.org

Council Members	Working Group Chairs
<p>Austria - Wolfgang Peischel, Brigadier General, Doctor, Austrian National Defence Academy wolfgang.peischel@bmlv.gv.at</p> <p>Baltic Defence College - Zdzislaw Sliwa, Doctor, Baltic Defence College zdzislaw.sliwa@baltdefcol.org</p> <p>Canada - David Last, Associate Professor, Doctor, Royal Military College of Canada, last-d@rmc.ca</p> <p>Denmark – Niels Bo Poulsen, Professor, Doctor, Royal Danish Defence College, nipo@fak.dk</p> <p>Finland - Hannu Kari, Vice Rector, Finnish National Defence Academy, hannu.kari@mil.fi</p> <p>Netherlands - Alexander Bon, Professor, Doctors, Netherlands National Defence Academy, AA.Bon@mindef.nl</p> <p>Norway - Anders McD Sookermany, Lieutenant-Colonel, Doctor, Norwegian Defence University College, asookermany@ifs.mil.no</p> <p>Poland - Ryszard Szypra, Dean, Professor, War Studies University, r.szypra@gmail.com</p> <p>Portugal - Portugal - João Marreiros, Captain, Military University Institute, marreiros.jpr@ium.pt</p> <p>Sweden - Stefan Silfverskiold, Commander, Chairman of Research and Education Board, Swedish Defence University, stefan.silfverskiold@fhs.se</p>	<p>WG1 War Studies, Marzena Zakowska, War Studies University Poland, m.zakowska@akademia.mil.pl</p> <p>WG2 Military History, Art Johanson, BDC, art.johanson@baltdefcol.org</p> <p>WG3 Military Technology, Hannu Kari, Finland, hannu.kari@mil.fi</p> <p>WG4 Leadership, command and basic competences, Soili Paananen, Finnish National Defence University, soili.paananen@mil.fi</p> <p>WG5 Law and ethics, Frederik Holst, Sweden, fredrik.holst@fhs.se</p> <p>WG6 Security and defence policy, Hans Lampalzer, Austria, hans.lampalzer@bmlv.gv.at</p> <p>WG7 Armed Forces and Society, Rene Moelker, NL r.moelker.01@nlda.nl</p> <p>WG8 Defence Management and Economics, Robert Beeres, NL, rjm.beeres@nlda.nl</p> <p>WG9 Military Education, David Last, Royal Military College of Canada, last-d@rmc.ca and Nuno Santos Loureiro, Military University Institute, Portugal, loureiro.nars@ium.pt</p> <p>WG10 Strategy, Thomas Pankratz, Austrian National Defence Academy thomas.pankratz@bmlvs.gv.at</p>

Conference Schedule

Monday, 18 November 2019

0900–1130	Working Group Chair (WGC) Meeting ¹	Briefingraum 1
1130–1230	Lunch for Working Group Chairs	Officers' Mess - hosted
1200–1300	Registration of conference participants Welcome reception (soft drinks and snacks)	Corridor Sala Terrena
1300–1430	Opening Plenary <i>Military Science or Military Sciences: Double Conference</i> Wolfgang Peischel, NDA Vienna Anders Sookermany, Norwegian Defence University College <i>Military science: Philosophical Background, Polemology</i> Christian Stadler, University of Vienna	Sala Terrena
1430–1500	Opening address Lieutenant General Erich Csitkovits, Commander of the National Defence Academy Vienna	Sala Terrena
1500–1510	Conference Photograph	Aula Academica
1510–1520	Coffee break**	Aula Academica
1530–1900	Parallel working group sessions # 1 with individual coffee breaks**	Lecture Rooms, <i>Coffee breaks:</i> Aula Academica
1800–1900	Young Scholar and New Faculty Member Meeting² Panellists: Wolfgang Peischel Anton Dengg Markus Gauster (all NDA Vienna) Stefan Silfverskiold, Swedish Defence University	Sala Terrena
1900–2100	Get Together and Welcome Dinner**	Aula Academica

**cost covered by your registration fee

¹ The meeting of the Working Group Chairs will be chaired by the President and recorded by the Secretary. Its focus is confirmation and adjustment of the program, and preparation for ongoing work within the working groups.

² 45 applicants identified themselves as young scholars or new faculty at military institutions. Using the biographic notes, we plan to separate these into two groups. PhD students not teaching in military institutions and new faculty members at military institutions will be invited to separate locations for this event. All will congregate together at 1900. Three or four established military scholars will be recruited to facilitate each group.

Conference Schedule ISMS 2019

Tuesday, 19 November 2019

Poster session continues in the Sala Terrena³

0830–0900	Morning reception with coffee**	Corridor Sala Terrena
0900–1300	Parallel working group sessions # 2 with individual coffee breaks**	Lecture Rooms, <i>Coffee breaks:</i> <i>Corridor Sala Terrena</i>
1030–1100	Coffee break**	Corridor Sala Terrena
1300–1400	Lunch**	Aula Academica
1400–1745	Parallel working group sessions # 3 with individual coffee breaks**	Lecture Rooms, <i>Coffee breaks:</i> <i>Corridor Sala Terrena</i>
1530–1600	Coffee break**	Corridor Sala Terrena
1800–1830	<i>Transfer to the Museum of Military History (by bus)</i>	
1830–2130	Welcome address Guided tour of the museum Conference dinner** Concluding remarks and outlook to ISMS 2020	Museum of Military History
2130–2200	<i>Transfer to the National Defence Academy (by bus)</i>	

**cost covered by your registration fee

³ 36 participants indicated that they would be interested in producing a poster, although only 3 selected posters in preference to a panel presentation. Posters can be put up at any time and will remain posted in a high-traffic area for the duration, to be seen during coffee and lunch. Authors presenting on panels are encouraged to prepare posters as well to expand their audience. Posters should have business cards and sticky notes for observers to communicate with authors. There may be a prize for the best poster, based on ballots submitted by participants.

Conference Schedule ISMS 2019

Wednesday, 20 November 2019

0830–0900	Morning reception with coffee**		Officers' Mess for Business meeting participants and Council Members
	Business meetings⁴		
0900–1100	Journal editors meeting	Librarians' meeting	Military science project management meeting
1100–1130	Coffee break**		Cinema or HS 12
1130–1230	Plenary business meeting for institutional cooperation⁵		Cinema or HS IFK
1245–1315	Handbook of Military Science editors meeting		Cinema or HS IFK
1330–1430	Lunch**		Officers' Mess for Business meeting participants and Council Members
1430–1600	ISMS Council Meeting ⁶		Briefingraum

**cost covered by your registration fee

⁴ The business meetings are a new feature for the conference, following from the 2018 meeting of Commandants and Rectors. The aim is to make the conference a venue for meetings that support the essential work of member institutions, by facilitating sharing of knowledge and best practices by journal editors, librarians and research managers, and contributors to the Handbook of Military Sciences. Seven participants have identified themselves as journal editors or board members, and eight have identified as research librarians or information managers. Four have identified as contributors to the Handbook. With this promising start, we will explore the best way of facilitating their exchange of information.

⁵ The final plenary is an opportunity to ensure that the work of the business meetings is captured for the purpose of newsletters and feedback to the member institutions.

⁶ A preliminary agenda will be publicized in advance and stakeholders (Commandants and Rectors) will have an opportunity to comment or amend the agenda.

Summary of Parallel Sessions for Working Groups

Parallel Session 1 Monday 1530-1900	Parallel Session 2 Tuesday 0900-1300	Parallel Session 3 Tuesday 1400-1800
<ul style="list-style-type: none">- HBMS Roundtable on Strategy- Panel 1A: Concepts and Doctrine- Panel 4A: Cultivating Leadership- Panel 5A: Law and Ethics for New Wars- Panel 6A: Defence and Security Against Hybrid Threats- Panel 9B Conduct of Military Education	<ul style="list-style-type: none">- Panel 1B: Trends and Current Conflicts- Panel 3A: Looking up to Military Technology- Panel 4B: Understanding Leadership and Competencies- Panel 6B: Modernization and Change- Panel 7B: Gender, Language and Ideology- Panel 8A Applied Macro-Economics of Defence- Panel 9A Context of Higher Military Education- Panel 10A: Developing Strategy, theory and cases	<ul style="list-style-type: none">- Panel 1C: Wider and Deeper War Studies- Panel 2A: History Serving the Profession of Arms- Panel 3B: Military Technology in Bits and Bytes- Panel 6C: Whole of Society Defence and Security- Panel 7C: Society and Force- Panel 10B: New Dimensions of Strategy- HBMS Roundtable on the Military Profession

Business meetings

Business meetings have been scheduled on Wednesday 20 November, to provide an opportunity to enhance cooperation between member institutions in areas of common interest identified at the March 2019 Council meeting.

1. Concurrent meetings of specialists:
 - a. Military journal editors,
 - b. military science librarians, and
 - c. research centre staff and military science project managers
2. A plenary business meeting to capture insights from all three meetings for transmission to our home institutions.
3. A separate meeting for editors of the Handbook of Military Sciences will be chaired by the Editor-in-Chief, Anders Sookermany.
4. Finally, the semi-annual Council Meeting will be held under the chairmanship of the incoming President on Wednesday afternoon.

If you would like to assist as a chair, rapporteur or coordinator for one of the professional groups, please contact the Secretary, David Last, [info\(a\)isofms.org](mailto:info@isofms.org)

Chronological Conference Program

Monday 0900-1130

Meeting of Working Group Chairs with President (Clubraum 2, Officers' Mess)

Monday 1200-1300

Registration of Conference Participants (Corridor Sala Terrena)

Monday 1300-1330 – Conference begins

Welcome and opening of the Conference (Sala Terrena)

(Note: Lunch on Monday is covered only for Working Group Chairs)

Monday 1330-1500

Opening Addresses

Military Science or Military Sciences double conference

Wolfgang Peischel, President of ISMS NDA Vienna

Anders Sookermany, Editor of the Handbook of Military Sciences Norwegian Defence University College)

Military science: Philosophical Background, Polemology

Christian Stadler, University of Vienna

Opening address by the Commander of the National Defence Academy Vienna
Lieutenant General Erich Csitkovits

Monday 1500-1530

Coffee break (Aula Academica)

Monday 1530-1900

Handbook of Military Sciences Roundtable 1

Section Editor: Wolfgang Peischel, Austrian National Defence Academy,
wolfgang.peischel@bmlvs.gv.at

Roundtable on Strategy (Lecture Room Briefingraum 1 / 20 seats)

Led by the editor of the section on Strategy, this will be a facilitated discussion of the plans for chapters and themes to be addressed in the Handbook of Military Sciences. Alternative views of the nature of strategy and its role as a pillar of military sciences will be welcome in the discussion.

Parallel working group sessions # 1

WG1 War Studies

Panel 1A: Concepts and Doctrine (Lecture Room HS 12 / 25 seats)

Chair: Marzena Zakowska, War Studies University of Poland, [m.zakowska\(a\)akademia.mil.pl](mailto:m.zakowska@akademia.mil.pl)

*Commander Eystein Meyer, Norwegian Defence University College, [elmeyer\(a\)fhs.mil.no](mailto:elmeyer@fhs.mil.no)
“Centre of Gravity Analysis fails to promote comprehensive approach”*

*Miha Šlebir, University of Ljubljana, [miha.slebir\(a\)fdv.uni-lj.si](mailto:miha.slebir@fdv.uni-lj.si)
“Centre of Gravity from an Explanatory Perspective”*

*Major Per Lindgaard, Royal Danish Defence College, [Peli\(a\)fak.dk](mailto:Peli@fak.dk)
“How to navigate in the doctrinal dilemmas!”*

*Radoslaw Jagiello, War Studies University Poland, [r.jagiello\(a\)akademia.mil.pl](mailto:r.jagiello@akademia.mil.pl),
“VUCA environments in contemporary doctrine”*

*Colonel Ivo Pikner, University of Defence, Czech Republic, [ivo.pikner\(a\)unob.cz](mailto:ivo.pikner@unob.cz)
“Spectrum of approaches to the development of operational concepts in armed forces”*

WG4 Leadership, C2 and Basic Competencies

Panel 4A: Cultivating Leadership (Lecture Room HS 52 / 15 seats)

Chair: Soili Paananen, Finnish National Defence University, [soili.paananen\(a\)mil.fi](mailto:soili.paananen@mil.fi)

*Captain Karl Testor, Theresan Military Academy, [Karl.testor\(a\)bmlv.gv.at](mailto:Karl.testor@bmlv.gv.at)
“Approaches to generating military creativity”*

*Kamila Trochowska, War Studies University, Poland, [k.trochowska\(a\)akademia.mil.pl](mailto:k.trochowska@akademia.mil.pl)
“Leadership in gray zones – towards a sustainable security culture”*

*Rasa Smaliukiene and Viktorija Simanauskiene, General Jonas Žemaitis Military Academy of Lithuania, rasa.smaliukiene@lka.lt, [viktorija.simanauskiene\(a\)lka.lt](mailto:viktorija.simanauskiene@lka.lt)
“Assessing leadership capabilities of military and first responders for crisis and emergency situations”*

*Ausra Kaminskaite, General Jonas Zemaitis Military Academy of Lithuania, [ausra.kaminskaite\(a\)lka.lt](mailto:ausra.kaminskaite@lka.lt)
“Congruence between acquired and requested leader competencies in asymmetric warfare: analyses of leadership curriculum at military academy.”*

WG5 Law and Ethics

Panel 5A: Law and Ethics for New Wars (Lecture Room HS 53 / 15 seats)

Chair: Fredrik Holst, Swedish National Defence University, [fredrik.holst\(a\)fhs.se](mailto:fredrik.holst@fhs.se)

*Colonel Krzysztof Drabik, War Studies University, [Poland, k.drabik\(a\)akademia.mil.pl](mailto:k.drabik@akademia.mil.pl)
“Morale in the army - ethical aspects”*

*Filip Radoniewicz, War Studies University, Poland, [f.radoniewicz\(a\)akademia.mil.pl](mailto:f.radoniewicz@akademia.mil.pl)
“National Cybersecurity System in Republic of Poland.”*

*Justyna Kurek, War Studies University Poland, [j.kurek\(a\)akademia.mil.pl](mailto:j.kurek@akademia.mil.pl)
“Online search as a new challenge for military science.”*

*Malwina Ewa Kolodziejczak, War Studies University, Faculty of National Security,
[m.kolodziejczak\(a\)akademia.mil.pl](mailto:m.kolodziejczak@akademia.mil.pl)
“Security (and) Law – new field of law? Has lesson been learned?”*

WG6 Security and Defence Policy

*Panel 6A: Defence and Security Against Hybrid Threats (Lecture Room HS IFK /
20 seats)*

Chair: Hans Lampalzer, Austrian National Defence Academy, [hans.lampalzer\(a\)bmlv.gv.at](mailto:hans.lampalzer@bmlv.gv.at)

*Ewa Fronczak, War Studies University, Poland, [EWASLEBZAK\(a\)INTERIA.PL](mailto:EWASLEBZAK@INTERIA.PL)
“Global Coalition Against Daesh – what’s next?”*

*Sylwia Gliwa, War Studies University, Poland, [sylwiagliwa\(a\)gmail.com](mailto:sylwiagliwa@gmail.com)
“The social media as a weapon to influence a society.”*

*Teija Norri-Sederholm and Aki-Mauri Huhtinen, National Defence University, Finland,
[Teija.Norri-Sederholm\(a\)mil.fi](mailto:Teija.Norri-Sederholm@mil.fi), [Aki.Huhtinen\(a\)mil.fi](mailto:Aki.Huhtinen@mil.fi)
“Social media as the pulse of national security threats,”*

*Lieutenant Christoph Bilban and Hanna Grininger, Institute for Peace Support and Conflict
Management, National Defence Academy Vienna, [christoph.bilban\(a\)bmlv.gv.at](mailto:christoph.bilban@bmlv.gv.at),
[Hanna.grininger\(a\)hotmail.com](mailto:Hanna.grininger@hotmail.com)
“Labelling Russian Hybrid Warfare: the “Gerasimov doctrine” in Think Tank Discourse.”*

*Magda Maszczyńska, Independent Researcher and Subject Matter Expert,
[m.maszczyńska\(a\)hotmail.com](mailto:m.maszczyńska@hotmail.com), and Samantha Hauptman, University of South Carolina
Upstate, [hauptman\(a\)uscupstate.edu](mailto:hauptman@uscupstate.edu)
“Deterrence, Security and Modern Counter Terrorism.”*

Andrzej Jacuch, [andrzej.jacuch\(a\)wat.edu.pl](mailto:andrzej.jacuch@wat.edu.pl) NATO and the EU responses to hybrid threats”

WG9 Military Education

Panel 9B Conduct of Military Education (Lecture Room HS 31/ 20 seats)

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

Led by: João Marreiros, Military University Institute, [marreiros.jpr\(a\)ium.pt](mailto:marreiros.jpr@ium.pt)

Carsten Roennfeldt, Norwegian Defence University College,
[cronnfeldt\(a\)fhs.mil.no](mailto:cronnfeldt@fhs.mil.no) “60 seconds”: A cadet-active learning method

Nuno Santos Loureiro, Military University Institute, Portugal, [loureiro.nars\(a\)ium.pt](mailto:loureiro.nars@ium.pt)
“Reflective Portfolio: pedagogical innovation in competency-based learning.”

George Kaimakamis and Konstantina Panagiotidou, Hellenic Military Academy,
[gmiamis\(a\)sse.gr](mailto:gmiamis@sse.gr), [konpanagiotidou\(a\)gmail.com](mailto:konpanagiotidou@gmail.com)
“The course of Operational Research in Hellenic Army Academy: Objectives and Teaching Techniques”

Sayaka Kamio, National Defence Academy of Japan, [sayaka.kamio.h63\(a\)kyoto-u.jp](mailto:sayaka.kamio.h63@kyoto-u.jp)
“Developing the STANAG-based integrated English reading materials and assessment for military personnel,”

Tamir Libel, Visiting Researcher, Bamberg Graduate School of Social Sciences (BAGSS) at the University of Bamberg, Germany, [tamirlibelphd\(a\)gmail.com](mailto:tamirlibelphd@gmail.com)
“The Rise and fall of the (Study) of the Military Profession: From the Sociology of the Military Profession to Sociology of Security Expertise,”

Beaulieu-Brossard, Centre for Military Studies, University of Copenhagen & Canadian Forces College, [pbeaulieub\(a\)gmail.com](mailto:pbeaulieub@gmail.com)
“A Typology of Critical Thinking in Canadian and US Armed Forces”

David Last, Royal Military College of Canada, [last-d\(a\)rmc.ca](mailto:last-d@rmc.ca)
“Research agenda, data and methods for studies of transnational military professionalism,” (poster)

There will be an opportunity for people to leave at 1800 for the young scholars’ and new faculty members’ meeting in the Sala Terrena.

Tuesday 0900-1300

Parallel working group sessions # 2

WG1 War Studies

Panel 1B: Trends and Current Conflicts (Lecture Room HS 12 / 25 seats)

Chair: Marzena Zakowska, War Studies University of Poland, [m.zakowska\(a\)akademia.mil.pl](mailto:m.zakowska@akademia.mil.pl)

Marzena Zakowska, War Studies University, Poland, [m.zakowska\(a\)akademia.mil.pl](mailto:m.zakowska@akademia.mil.pl)

"Trends in armed conflicts and global security,"

Aleksander Olech, War Studies University, Poland, [a.olech\(a\)akademia.mil.pl](mailto:a.olech@akademia.mil.pl)

"Contemporary terrorist threats to the security of Central Europe"

Cyprian Kozera, War Studies University, Poland, [kozeracyprrian\(a\)gmail.com](mailto:kozeracyprrian@gmail.com)

"Study Of A Potential Hybrid Warfare Scenario Against Poland,"

Jan Krzyzewski, War Studies University, Poland, [janek.krzyzewski\(a\)gmail.com](mailto:janek.krzyzewski@gmail.com)

"The role of the Suwałki Corridor for NATO's eastern flank security strategy."

LCol Joao Correia, Military University Institute (IUM) Portugal, [correia.jmp\(a\)ium.pt](mailto:correia.jmp@ium.pt)

"The United States Of America In The North Korean Crisis: Military Response Options"

WG3 Military Technology

Panel 3A: Looking up to Military Technology (Lecture Room HS 51/ 15 seats)

Chair: Hannu Kari, Finnish National Defence University, [hannu.kari\(a\)mil.fi](mailto:hannu.kari@mil.fi)

Lieutenant Colonel Teresa Cabral, Major Diogo Duarte, Captain João Caetano, Simon Place, Pete MCarthy Raska. Corresponding author: LCol Cabral,

[t.m.bettencourtcabral\(a\)cranfield.ac.uk](mailto:t.m.bettencourtcabral@cranfield.ac.uk)

"Unmanned Aircraft Systems Risk Assessment: An Improved Approach"

Officer Cadet Fabio Ferreira, Portuguese Air Force Academy, [fpferreira\(a\)academiafa.edu.pt](mailto:fpferreira@academiafa.edu.pt)

"Conceptual Design of a Fixed-wing Aircraft with Vertical Take-Off and Landing for Surveillance Applications."

João Vieira Caetano, Aurélio Santos, Carlos Pereira da Silva, José Passos Morgado.

Corresponding author: Major Caetano, Portuguese Air Force Research Centre,

[jvcaetano\(a\)academiafa.edu.pt](mailto:jvcaetano@academiafa.edu.pt), [alsantos\(a\)academiafa.edu.pt](mailto:alsantos@academiafa.edu.pt)

"Portuguese Air Force UAV Development, Certification and Operations for the Benefit of Society."

Major Diogo Duarte, Portuguese Air Force Academy, [dxsduarte\(a\)gmail.com](mailto:dxsduarte@gmail.com)

"Recent Studies and Developments made by the Portuguese Airforce for the enhancement and sustainability of its military Air Power"

WG4 Leadership, C2 and Basic Competencies

Panel 4B: Understanding Leadership and Competencies (Room HS 52 / 15 seats)

Chair: Soili Paananen, Finnish National Defence University, [soili.paananen\(a\)mil.fi](mailto:soili.paananen(a)mil.fi)

Mariusz Kamiński, War Studies University, Poland, [m.a.kaminski\(a\)akademia.mil.pl](mailto:m.a.kaminski(a)akademia.mil.pl)

“The role of research on intelligence and counterintelligence in military sciences”

Samuel Zilincik, Masaryk University, Czech republic, [zilinciks\(a\)gmail.com](mailto:zilinciks(a)gmail.com)

“Emotions as a factor in planning”

Captain Lennart Schou Jeppesen, Royal Danish Defence College, [lsje\(a\)fak.dk](mailto:lsje(a)fak.dk)

“Can Military Leaders Influence Soldiers’ Morale?”

Michael Jager, Swiss Military Academy at ETH Zurich, [Michael.jager\(a\)vtg.admin.ch](mailto:Michael.jager(a)vtg.admin.ch)

“Visual Narratives of Toxic Leadership”

WG6 Security and Defence Policy

Panel 6B: Modernization and Change (Lecture Room HS IFK / 20 seats)

Chair: Hans Lampalzer, Austrian National Defence Academy, [hans.lampalzer\(a\)bmlv.gv.at](mailto:hans.lampalzer(a)bmlv.gv.at)

Bernard Loo, RSIS, NTU, Singapore, [isfwloo\(a\)ntu.edu.sg](mailto:isfwloo(a)ntu.edu.sg)

“Strategic Coherence in Military Modernization—Towards a Framework of Analysis”

Wu Shang-Su, S. Rajaratnam School of International Studies (RSIS), Nanyang Technological University, Singapore, [isswu\(a\)ntu.edu.sg](mailto:isswu(a)ntu.edu.sg)

“Southeast Asian Military Modernisation after the Cold War.”

Mateusz Kuczabski, War Studies University, Poland, [m.kuczabski\(a\)akademia.mil.pl](mailto:m.kuczabski(a)akademia.mil.pl)

“Do New Technologies Change the System of Force in the International System?”

Piotr Sosnowski, University of Warsaw, [p.sosnowski2\(a\)uw.edu.pl](mailto:p.sosnowski2(a)uw.edu.pl)

“The historical context of the psychosocial and economic determinants of Iraqi Kurdistan security policy.”

WG7 Armed Forces and Society

Panel 7B: Gender, Language and Ideology (Lecture Room HS 50/ 15 seats)

Chair: Rene Moelke, Netherlands Defence Academy, [rene_moelker\(a\)yahoo.com](mailto:rene_moelker(a)yahoo.com)

Led by: Norbert Schartner, Austrian NDA, [norbert.schartner\(a\)bmlv.gv.at](mailto:norbert.schartner(a)bmlv.gv.at)

Barbara Drapikowska, War Studies University, Poland [b.drapikowska\(a\)akademia.mil.pl](mailto:b.drapikowska(a)akademia.mil.pl)

“Gender perspective in Polish army.”

Second Lieutenant Marianne Bouchard, Queen's University, Canadian Armed Forces, [18mb77\(a\)queensu.ca](mailto:18mb77(a)queensu.ca)

“Impact of Women in 1990s Peacekeeping”

Bharati Sharma, Government Science College ,Pachpedi Civil lines, Jabalpur, [bharatisha\(a\)gmail.com](mailto:bharatisha(a)gmail.com)

“Misinterpretations of religion causing conflict; with special reference to India”

Ewelina Parysek, University of Business and Administration in Gdynia, Poland, [e.parysek\(a\)kadra.wsaib.pl](mailto:e.parysek(a)kadra.wsaib.pl)

“The linguistic depiction of the Yugoslav conflict in the years 1991---1999 in Serbian, Croatian, and Bosnian press.”

WG8 Defence Economics and Management

Panel 8A Applied Macro-Economics of Defence (Lecture Room HS 53/ 15 seats)

Chair: Robert Beeres, Netherlands Defence Academy, [rjm.beeres\(a\)mindef.nl](mailto:rjm.beeres@mindef.nl)

Led by: Markus Gauster, Austrian National Defence Academy, [markus.gauster\(a\)bmlv.gv.at](mailto:markus.gauster@bmlv.gv.at)

Senior Lieutenant Lauri Kananoja, [lauri.kananoja\(a\)mil.fi](mailto:lauri.kananoja@mil.fi)

“How about Chicago or Harvard? Examination of EU defence market competition theory and policy.”

Juha-Matti Lehtonen, National Defence University, Finland, [juha-matti.lehtonen\(a\)mil.fi](mailto:juha-matti.lehtonen@mil.fi)

“Economic Sanctions.”

George-Andrew Zombanakis and Odysseus Katsaitis, American College of Greece, [gzombanakis\(a\)acg.edu](mailto:gzombanakis@acg.edu)

“Reading between the Lines: A Defence - Expenditure Function Reveals NATO Cohesion Issues.”

Marta Gębska, War Studies University, Poland, [m.gebska\(a\)akademia.mil.pl](mailto:m.gebska@akademia.mil.pl)

“Economic dimension of security in the national security strategies of Austria, Hungary and Slovenia.”

WG9 Military Education

Panel 9A Context of Higher Military Education (Lecture Room HS 31/ 20 seats)

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

Led by: Nuno Santos Loureiro, Military University Institute, Portugal, [loureiro.nars\(a\)ium.pt](mailto:loureiro.nars@ium.pt)

Victor Lobo, CINAV, Portuguese Naval Academy, [vlobo\(a\)novaims.unl.pt](mailto:vlobo@novaims.unl.pt)

“The struggle to keep defence academies.”

Paul Mitchell, Canadian Forces College, [mitchell\(a\)cfc.dnd.ca](mailto:mitchell@cfc.dnd.ca)

“Graduate Level PME: Meaning, Forms, Implications”

Anne Reiffenstein, Canadian Forces College, [areiffenstein\(a\)hotmail.com](mailto:areiffenstein@hotmail.com)

“The Future of Professional Military Education: Post- Modern Military Pedagogy and Enhancing Critical Thinking”

Rasmus Dahlberg, Royal Danish Defence College, [rada\(a\)fak.dk](mailto:rada@fak.dk)

“Teaching Total Defence.”

Beaulieu-Brossard, Centre for Military Studies, University of Copenhagen & Canadian Forces College, [pbeaulieub\(a\)gmail.com](mailto:pbeaulieub@gmail.com)

“Eight Design Thinking Journeys at Canadian Forces College.”

WG10 Special sessions on Strategy

Panel 10A: Developing Strategy, theory and cases (Lecture Room HS ISS/ 10 seats)

Chair: Thomas Pankratz, Austrian National Defence Academy, [thomas.pankratz\(a\)bmlv.gv.at](mailto:thomas.pankratz(a)bmlv.gv.at)

Lukas Milevski, Leiden University, [lukasmilevski\(a\)gmail.com](mailto:lukasmilevski(a)gmail.com)

“De Quoi S’Agit-Il? What is Strategic Studies All About?”

Nicholas Sobecki, Department of Political Science, University of Alabama,

[nksobecki\(a\)crimson.ua.edu](mailto:nksobecki(a)crimson.ua.edu)

“Effects of process on development of strategies,”

Nuno Miguel dos Santos Rosa Calhaço, Portuguese Military University Institute,

[calhaco.nmsr\(a\)ium.pt](mailto:calhaco.nmsr(a)ium.pt)

“Geopolitical and geostrategic analysis of Venezuela: an area of European strategic interest,”

Maciej Hacaga, War Studies University Poland, [m.hacaga\(a\)akademia.mil.pl](mailto:m.hacaga(a)akademia.mil.pl)

“Interdisciplinary study of energy security: challenging the liberal order.”

Tuesday 1400-1745

Handbook of Military Sciences Roundtable 2

Section Editor: David Last, Royal Military College of Canada, [last-d\(a\)rmc.ca](mailto:last-d(a)rmc.ca)

Roundtable 2: The Military Profession (Lecture Room Briefingraum 1 / 20 seats)

Led by the editor of the Handbook section on the Military Profession, this will provide a brief report on progress, followed by a facilitated discussion of the plans for chapters and themes to be addressed in the Handbook of Military Sciences. Alternative views of the nature of the military profession and the contributions of military sciences will be welcome in the discussion.

Parallel working group sessions # 3

WG1 War Studies

Panel 1C: Wider and Deeper War Studies (Lecture Room HS 12 / 25 seats)

Chair: Marzena Zakowska, War Studies University of Poland, [m.zakowska\(a\)akademia.mil.pl](mailto:m.zakowska(a)akademia.mil.pl)

LCol José Paulo Silva Bartolomeu, Portuguese Military University, [jpbartolomeu\(a\)gmail.com](mailto:jpbartolomeu(a)gmail.com)

“Tactical Considerations to Prepare and Conduct Operations in Subterranean Systems,”

Aneta Kolodziej, War Studies University, Poland, [Aneta.godunska\(a\)gmail.com](mailto:Aneta.godunska(a)gmail.com)

“Military force or civil institutions – who understands better and combats misinformation more effectively?”

Major Kieun Sung, Korean Military Academy, [ske917\(a\)kma.ac.kr](mailto:ske917(a)kma.ac.kr)

“Spatially specific meteorology to support operations”

Robert Boroch, War Studies University, Poland, [robboroch\(a\)outlook.com](mailto:robboroch(a)outlook.com)

“Anthropological Aggression — Theoretical Outline”

WG2 Military History

Panel 2A: History Serving the Profession of Arms (Lecture Room HS 53/ 15 seats)

Chair: Art Johanson, Baltic Defence College, [art.johanson\(a\)baltdefcol.org](mailto:art.johanson(a)baltdefcol.org)

Anna Sofie Schønning, Royal Danish Defence College, [Ashs\(a\)fak.dk](mailto:Ashs(a)fak.dk)

“The Use of Military History in Danish Army Officer Education,”

Teresa Sousa, with *Captain (N) Costa Canas* and *Lieutenant (N) Magda Marabujo*, Escola Naval and CINA, Portugal, [teresa.maria.sousa\(a\)marinha.pt](mailto:teresa.maria.sousa(a)marinha.pt)

“The Portuguese Contribution to Air Navigation.”

Valdis Kuzmins, Latvian National Defence Academy, valdis.kuzmins@gmail.com

“The lessons learned process: key takeaways from historical examples.”

Art Johanson, Baltic Defence College, [art.johanson\(a\)baltdefcol.org](mailto:art.johanson(a)baltdefcol.org)

“Case study ‘Operation Albion’ “

WG3 Military Technology

Panel 3B: Military Technology in Bits and Bytes (Lecture Room HS 51/ 15 seats)

Chair: Hannu Kari, Finnish National Defence University, [hannu.kari\(a\)mil.fi](mailto:hannu.kari(a)mil.fi)

Juha Mattila, Aalto University, Finland, [juhakaimattila24\(a\)gmail.com](mailto:juhakaimattila24(a)gmail.com) and *Simon Parkinson*

“Opportunities and Constraints in Applying Artificial Intelligence in Military Enterprise”

Zoe Stanley-Lockman, Military Transformations Programme, S. Rajaratnam School of International Studies, NTU, Singapore, [iszlockman\(a\)ntu.edu.sg](mailto:iszlockman(a)ntu.edu.sg)

“Militarised artificial intelligence: Ethical design as an imperative for operational safety and accountability”

Jose Borges, *Tolentino Martins*, *Miguel Parda*, Military Academy Research Centre, Portugal,

[tolentinomartins\(a\)gmail.com](mailto:tolentinomartins(a)gmail.com), [miguel.pardal\(a\)tecnico.ulisboa.pt](mailto:miguel.pardal(a)tecnico.ulisboa.pt),

[jose.borges\(a\)acaemiamilitar.pt](mailto:jose.borges(a)acaemiamilitar.pt)

“Vulnerabilities and risk management model for decision support in the cyber domain.”

Mikkel Storm Jensen, Royal Danish Defence College, [msje\(a\)fak.dk](mailto:msje(a)fak.dk)

“Offensive Cyber Capabilities”

WG4 Leadership, C2 and Basic Competencies

Panel 4C: Roundtable on International Collaboration for Military Leadership Research (Lecture Room HS 52/ 15 seats)

Co-Chair: Soili Paananen, Finnish National Defence University, [soili.paananen\(a\)mil.fi](mailto:soili.paananen(a)mil.fi)

Co-Chair: Elena Antonacopoulou, University of Liverpool Management School, E.Antonacopoulou@liverpool.ac.uk

This roundtable will discuss ongoing collaborations about the development of strategic leadership, and about teaching and developing character. Researchers have so far engaged the Canadian Forces College, Royal Canadian Air Force, Norwegian Air Force College, and Royal Air Force. The next stage is to orchestrate a collaborative program of research and learning across Military forces.

WG6 Security and Defence Policy

Panel 6C: Whole of Society Defence and Security (Lecture Room HS IFK / 20 seats)

Chair: Hans Lampalzer, Austrian National Defence Academy, [hans.lampalzer\(a\)bmlv.gv.at](mailto:hans.lampalzer@bmlv.gv.at)

Júlio Carvalho, Military Academy Research Center (Portugal),
[carvalho.jmcfg\(a\)mail.exercito.pt](mailto:carvalho.jmcfg@mail.exercito.pt)

“Proposing a model of strategic cooperation between military and health services”

Aleksandra Kapusciak, War Studies University Poland, [aleksandrakapusciak\(a\)gmail.com](mailto:aleksandrakapusciak@gmail.com)
“Polish Crisis Management System”

Dorota Domalewska, War Studies University, Poland, [d.domalewska\(a\)akademia.mil.pl](mailto:d.domalewska@akademia.mil.pl)
“Military activities for the benefit of society: A case study of disaster management of the floods of 2019 in Poland through the lens of social media.”

Klaudia Kwapisz, War Studies University, Poland, [kwapiszklaudia90\(a\)gmail.com](mailto:kwapiszklaudia90@gmail.com)
“Dimension of military security of the Three Seas Initiative project - on the example of Austria, the Czech Republic and Slovakia”

WG7 Armed Forces and Society

Panel 7C: Society and Force (Lecture Room HS 50/ 15 seats)

Chair: Rene Moelke, Netherlands Defence Academy, [rene_moelker\(a\)yahoo.com](mailto:rene_moelker@yahoo.com)

Led by: Thomas Pedersen, Royal Danish Defence College, [thpe\(a\)fak.dk](mailto:thpe@fak.dk)

Toms Rostoks, senior researcher, Center for Security and Strategic Research, National Defence Academy of Latvia, [toms.rostoks\(a\)mil.lv](mailto:toms.rostoks@mil.lv)
“Staying the course: Latvia’s choices between conscription and all-volunteer force since 2014.”

Thomas Pedersen, Royal Danish Defence College, [thpe\(a\)fak.dk](mailto:thpe@fak.dk)
“Happiness is a warm gun? Recruitment, retention, reintegration.”

Ilona Urych, War Studies University, Poland [ilona.urych\(a\)wp.pl](mailto:ilona.urych@wp.pl)
“Education for safety in Poland – the essence and content of the subject of education”

Johan Österberg, Swedish Defence University. [Johan.Osterberg\(a\)fhs.se](mailto:Johan.Osterberg@fhs.se)
“Filling the officer ranks? The reintroduction of conscription.”

Emil Lundell, Swedish Defence University, [emil.lundell\(a\)fhs.se](mailto:emil.lundell@fhs.se)
“Officer selection: Results from a mixed-method evaluation of the selection process to the 3-year academic officer programme in Sweden.”

Joel Nilsson, Swedish Defence University, [joel.nilsson\(a\)fhs.se](mailto:joel.nilsson@fhs.se)
“A qualitative study on working conditions in the Swedish Armed Forces.”

WG10 Special sessions on Strategy

Panel 10B: New Dimensions of Strategy (Lecture Room HS ISS/ 10 seats)

Chair: Thomas Pankratz, Austrian National Defence Academy, [thomas.pankratz\(a\)bmlv.gv.at](mailto:thomas.pankratz(a)bmlv.gv.at)

Janis Berzins, Center for Security and Strategic Research, National Defense Academy of Latvia, [janis.berzins01\(a\)mil.lv](mailto:janis.berzins01(a)mil.lv)

“The Theory and Practice of New Generation Warfare: the case of Ukraine and Syria.”

Alicja Wilczewska, War Studies University, [wilczurska\(a\)gmail.com](mailto:wilczurska(a)gmail.com)

“The Propaganda Is Dead, Long Live the Propaganda.”

Tomasz Zawadzki, War Studies University, Poland, [t.zawadzki\(a\)akademia.mil.pl](mailto:t.zawadzki(a)akademia.mil.pl)

“feedback loops in a dynamic model of information warfare.”

Michael Raska, S. Rajaratnam School of International Studies, Singapore, [ismraska\(a\)ntu.edu.sg](mailto:ismraska(a)ntu.edu.sg)

“Strategic Competition, Emerging Technologies, and Future of Conflict in East Asia”

Halina Swieboda, War Studies University, Poland, [h.swieboda\(a\)akademia.mil.pl](mailto:h.swieboda(a)akademia.mil.pl)

“Information Processes as a Tool for the Control Of Society.”

Wednesday 0900-1100

Parallel Business meetings to support institutional collaboration

The institutional members of ISMS have identified the opportunity to share best practices and collaborate through institution-to-institution cooperation at both personal and organizational levels. These business meetings are intended to open lines of communication, raise awareness of common problems and solutions, and find ways of improving our quality through collaboration.

With thanks to those who suggested subjects for discussion at these meetings, the following are some starting points. We expect that an online discussion will occur prior to the meetings to refine the agendas, and think about the best ways to produce useful results for the future.

Research Centres – Generating Military Science (Lecture Room HS 31/ 20 seats)

Chair: Carsten Roennfeldt, Norwegian Defence University College, [cronnfeldt\(a\)fhs.mil.no](mailto:cronnfeldt(a)fhs.mil.no), and Martin Nassua, German Institute of Defence Studies, [martin.nassua\(a\)hsu-hh.de](mailto:martin.nassua(a)hsu-hh.de)

Rapporteur: Klara Krgovic, Austrian National Defence Academy

Research centres and military science projects foster the development of new knowledge in military universities. They support and coordinate individual research efforts, and often serve as bridges to stakeholders and funding agencies.

Tentative Agenda items suggested by participants:

<ul style="list-style-type: none">- Setting the agenda – what sort of cooperation would be useful?- Outreach to stakeholders- Public-private partnerships- Publications: how often, what sort, room for sharing?- Social media and publicity- Links to programs and students	<ul style="list-style-type: none">- Finding the right audiences- Is repetition good? Reinventing the wheel, rounding up the usual suspects, and stimulating innovation- Responsiveness to suggestions- Finding funds and covering costs- Competing for external funding- Administering research vs doing and publishing research
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Chronological Conference Program ISMS 2019
Wednesday, 0900-1330

Librarians – Curating Military Science (Lecutre Room HS IFK/ 20 seats)

Chair: Anu Alatera, Finnish National Defence Academy, anu.alatera@mil.fi

Rapporteur: Sabrina Kiss, Austrian National Defence Academy

Tentative Agenda items suggested by participants:

<ul style="list-style-type: none">- environmental scan - the evolving environment for public sector libraries- cooperation with civilian universities- shelves vs terminals- cost considerations: subscriptions and purchases- negotiating electronic access- military libraries as national assets- proportion of collections in different disciplines- specialized vs general collections- protection of collections- special access vs open access- restricted collections and security concerns	<ul style="list-style-type: none">- selection and purchase of materials- library committees and interface with stakeholders- outreach features, roaming librarians, and bringing in students- Learning management system features, chat functions and protection of information- intellectual property and electronic dissemination- saving money- supporting research- curating “grey literature”
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Journal editors – Disseminating Military Science (Lecture Room HS 12/ 25 seats)

Chair: Dorota Domalewska, War Studies University, d.domalewska@akademia.mil.pl

Rapporteur: Sophie Jaeger, Austrian National Defence Academy

Tentative Agenda items suggested by participants:

<ul style="list-style-type: none">- journal mandates- budgets and funding sources- translation challenges- timelines for publication- special issues- roles and functions of editorial boards- policies for publication, sharing of materials, and withdrawals- indexing- self-publishing vs contracting to- impact factors- role in institutional credibility	<ul style="list-style-type: none">- integration with curriculum- direction on publication- peer review and autonomy vs. commissioned pieces- responsiveness to authority- editorial policies- reprint policies- ownership of intellectual material- collected anthologies for teaching- paper vs online publication- planning and special issues- challenges of establishing and improving reputation
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Chronological Conference Program ISMS 2019
Wednesday, 0900-1330

[Wednesday 1130-1230](#)

Plenary business meeting for institutional cooperation (Lecture Room Movie Theatre / 100 seats)

Chair: President, Wolfgang Peischel, Austrian National Defence Academy

Rapporteur: Secretary, David Last, Royal Military College of Canada

Most scholars at small defence universities are engaged in generating, curating, and disseminating knowledge of military science. The plenary session allows all participants to report back and take home a full picture of the potential for institutional cooperation, benchmarking, and shared projects.

[Wednesday 1230-1315](#)

Handbook of Military Science editors meeting

Chair: Anders Sookermany, Norwegian Defence University College,

[anders.sookermany\(a\)gmail.com](mailto:anders.sookermany(a)gmail.com)

This is an opportunity for the editor in chief to coordinate feedback from section editors, compare progress, and stimulate new work.