International Society for Military Sciences
Annual Conference

Tartu, Estonia, 9-10 November 2011

ISMS Working Groups

Organized into 4 sessions
Panel One - Session 1, Wednesday 9 November (morning)
Panel Two - Session 2, Wednesday 9 November (afternoon)
Panel Three - Session 3, Wednesday 9 November (afternoon)
Panel Four - Session 4, Thursday 10 November (morning)

ISMS Conference Timeline

Tuesday, 8 November

Arrival of speakers and participants of the ISMS Conference in Tartu according to their travel itineraries

16.00 – 19.00 Meeting of the ISMS Council at the Baltic Defence College

19.30 – 20.30 Icebreaker at the Dorpat Hotel Bar

20.30 – 22.00 ISMS Council Dinner hosted by the ISMS Chairman Dr. James S. Corum at the Atlantis Restaurant (by invitation to the ISMS Council members)
**Wednesday, 9 November**

08.30 – 09.00 Registration at the Dorpat Conference Centre

09.00 – 09.10 Welcome address by the Commandant of the Baltic Defence College BG Meelis Kiili

09.10 – 09.40 Opening Keynote Address by the Lithuanian Air Force Commander MG Edvartas Mažeikis

09.40 – 09.45 Official photo

09.45 – 10.00 Coffee break

10.00 – 12.00 Panel One - Session 1

12.00 – 14.00 Lunch break (not hosted, in Tartu City Downtown)

14.00 – 16.00 Panel Two - Session 2

16.00 – 16.15 Coffee break

16.15 – 18.15 Panel Three - Session 3

18.15 – 19.00 Free time

19.00 – 19.30 Keynote Speech by Dr. Jaak Aaviksoo, Estonian Minister of Education and Research at the Dorpat Conference Centre

19.30 – 21.30 Buffet Dinner at the Dorpat Conference Centre (not formal invitations, for speakers and participants)
Thursday, 10 November

09.00 – 11.00 Panel Four - Session 4

11.00 – 11.15 Coffee break

11.15 – 11.45 Closing Keynote Address by Professor Žaneta Ozoliņa, University of Latvia

11.45 – 12.15 Final Wrap up – ISMS Chairman on decisions of the ISMS Council and further direction of the ISMS

12.15 Transfer of Presidency of ISMS and announcement of the next Annual Conference.

12.30 Conference closed

……………………

13.00 – 15.00 Cultural event / Guided Tour of Tartu (for those who are not leaving immediately after the Conference)

War studies WG.

Chairman: Dr. John D. Young, Royal Military College of Canada

Panel One – Session 1, Wednesday 9 November (morning)
Theme: Effective Responses to Modern Security Challenges

Ensuring the Effectiveness in Libyan Operation.
LTC Juha Pekka Mälki, Doctor of Social Sciences, Personnel Division, Defence Command Finland
Organizing for Effect: Targeting in Battlespace Helmand.
Dr. William Mitchell, Department for Joint Operations, C2&Intelligence, Royal Danish Defence College

Use of military means for stabilisation operations: exploring its utility.
Mirjam Grandia Mantas, Faculty of Military Sciences, Netherlands Defence Academy

NATO, Libya operations and intelligence co-operation – a step forward?
Adam D.M. Svendsen, PhD, Centre for Military Studies, Institut for Statskundskab University of Copenhagen

Discussion of Papers by Members of War studies Working group

Panel Two – Session 2, Wednesday 9 November (afternoon)
Theme: Tactics and Operational Art

Dr. Weichong Ong, Research Fellow, Military Studies / Transformations Programme, Institute of Defence and Strategic Studies, S. Rajaratnam School of International Studies (RSIS), Nanyang Technological University, Singapore

Discussion of papers by members of War studies Working group

Panel Three - Session 3, Wednesday, 9 November (afternoon)
Theme: Tactical Planning and Conceptual Modelling

Conventional armed forces’ thinking on tactics also for irregular warfare – a new challenge for officers training.
Capt. (N) Michael Gustafson, Department of War Studies, Swedish National Defence College, Stockholm

**Dimensional Synthesis in Unit Construction for a Complex Battlespace.**  
Dr. William Mitchell, Department for Joint Operations, C2&Intelligence, Royal Danish Defence College

Discussion of Papers by members of War studies Working group

Panel Four - Session 4, Thursday 10 November (morning)  
Theme: **Contending Hypotheses and Comparative Analyses: NBC Proliferation and COIN**

**The Application of Heuer’s Analysis of Competing Hypotheses for the Assessment of Nuclear, Biological or Chemical Weapon Programmes: An Analytical Framework.**  
Dr. John Hart, Stockholm International Peace Research Institute (SIPRI)

**Social Network Analysis in Battlespace Helmand.**  
Dr. William Mitchell, Department for Joint Operations, C2&Intelligence, Royal Danish Defence College

Discussion of Papers by members of War studies Working group

Summary synthesis of WSWG’s Conference Deliberations

**Military history WG.**

Chairman: Dr. James S. Corum, the Baltic Defence College

Panel One - Session 1, Wednesday 9 November (morning)
Theme: The Strategic View

From Military History to Strategic Studies: the Swedish Army War College adapting to political change, 1918 – 1939.
Professor Gunnar Aselius, Division of Military History, Swedish National Defence College

To lead a Total Defence in a time of Total War
Per Iko, Division of Military History, Swedish National Defence College, Stockholm

A Delicate Affair – the Question of Defending the Åland Islands During the Cold War.
Lt.Col. Petteri Jouko, PhD, National Defence University, Finland

The first centennial of air warfare: Italian Air Corp operation in Libya 1911 – 1912, from reconnaissance to bombing.
Ciro Paoletti, Italy

Panel Two - Session 2, Wednesday, 9 November (afternoon)
Theme: Use of the Case Method

What now, Lieutenant? - Introduction to the Case Method.
Dr. Damien O’Connell, USMC Marine Corps University

Joint British-Norwegian Commando operation in a Norwegian fjord during World War II as Used by the Norwegian Staff College.
Lieutenant Commander Tommy Krabberod, of the Norwegian Navy

Hurricane Katrina, Policing in Northern Ireland, and the Decision to Invade North Africa 1943 - use of Case Studies in the Canadian Forces College’s National Security Programme,
Dr. Paul T. Mitchell, Canadian Forces College
Panel Three - Session 3, Wednesday 9 November (afternoon)
Theme: The Case Method part 2

Road to Habbaniya: A Logistics Case.
Dr. Bruce I. Gudmundsson, Marine Corps University

Operation Albion October 1917 as a Case Study Panel Part 3
Dr. Eric A. Sibul, Dr. Bruce I. Gudmundsson, Dr. Damien O’Connell

Military History Panel --Session 4, Thursday 10 November
(Using same room as the Law and Ethics WG)
Theme: Armed Forces Adapting to New Conditions

Afghanistan and the Failure of South Asian Military History.
Dr. Randolf G.S. Cooper, Director and Vice-President of Academic Affairs, American InterContinental University, London

The Quest for Mobility – Military Reforms in Central and Western Europe for Gaining a Highly Mobile Infantry.
Wolfgang Etschmann, the Austrian National Defence Academy

The national question in the Kingdom of Serbs, Croats and Slovenes.
Alberto Becherelli, Sapienza University of Rome

The Italian Military Officers and the delimitation of the Central Eastern European borders after World War I.
Professor Giuseppe Motta, Sapienza University of Rome
Military Technology WG.

Chairman: Dr. Hannu H. Kari,
National Defence University, Finland

Panel One - Session 1, Wednesday 9 November (morning)
Theme: Technological changes.

Transforming the Military: The Energy Imperative.
Kelwin Wong, Associate Research Fellow, Military Transformations Programme, S. Rajaratnam School of International Studies (RSIS), Nanyang Technological University, Singapore

Panel Two - Session 2, Wednesday 9 November (afternoon)
Theme: What we can learn from Asia?

Richard A. Bitzinger, „Defence Industries and Local Armaments Production: Problems and Prospects for Asian Armed Forces”,

Ho Shu Huang, „The problems and Perils of Peace: The case of the Singapore Armed Forces”

Adrian Kuah, „The Impact of Technology on the Temporal Dimension of the Military Organisation”,

Bernard Loo, „The Future Shape of Armed Forces in Southeast Asia”.

Panel Three - Session 3, Wednesday 9 November (afternoon)
Theme: Traditional: Better ways to do things.
Anti-satellite warfare – an assessment.
Dr. L. (Bart) Koene, et.al., Faculty of Military Sciences, Netherlands Defence Academy

The influence of Soil Cover on the Movement of Vehicles.
Dana Kristalova, Department of Military geography and meteorology, Faculty of Military technology, University of Defence

Blast wave properties in partially confined spaces.
Jody Borgers, et.al., Faculty of Military Sciences, Netherlands Defence Academy

Weave manoeuvres during ballistic missile re-entry.
Dr. Ralph Savelsberg, et.al, Faculty of Military Sciences, Netherlands Defence Academy

Panel Four - Session 4, Thursday 10 November (morning)
Theme: Challengers: New ways to think.

Adapting to Ancient Security Challenges: Innovation and Technology in Classical Strategic Thought.
Dr. Thomas M. Kane, Department of Politics and International Studies, University of Hull

Fingerprinting Sensors and Data Sources.
Mervi L. Ranta, et.al., Aalto University, Finland

Anticipating Future Development Paths.
Mervi L. Ranta, Henrik J. Asplund, Jorma Wall, Aalto University, Finland

A video surveillance system of military areas.
Leon Rothkrantz, et.al, Netherlands Defence Academy
Leadership, Command and control, and basic competence WG.

Chairman: Professor Aki-Mauri Huhtinen, Finland

Panel One - Session 1, Wednesday 9 November (morning)

An Idea Paper on Leadership Theory Integration.
Gerry Larsson, et.al., Department of Leadership and Management, Swedish National Defence College, Karolinen, Sweden

Getting Action for Leadership Research.
Rasa Smaliukiene, et.al., General Jonas Zemaitis Lithuanian Military Academy

Coaching for military personnel – practical experiences and scientific evaluation.
Hubert Annen, Military Academy at ETH Zurich, Department of Military Psychology and Military Pedagogy, Kaserne, Switzerland

Institutional Leadership: An Inconvenient Truth.
LTC Chris Blodgett, Deputy Director Strategy, Plans&Policy Department, Knowledge Management Officer (KMO), NATO School Oberammergau, Germany

Panel Two - Session 2, Wednesday 9 November (afternoon)

War talk and the concept of violence reduction: A study of one hundred testimonies of Canadian Forces members in combat arms.
Dr. Stephanie A.Belanger, Royal Military College of Canada, Kingston
Reputation must be managed – every employee is their company's ambassador or a risk to the reputation: also in military organisation.
Professor Aki-Mauri Huhtinen, Department of Leadership and Military Pedagogy, National Defence University, Finland

Law and ethics WG.

Chairman: Dr. Maja Eriksson, Sweden

Panel One - Session 1, Wednesday 9 November (morning)

Cyber attacks under International Law.
Dr. James A. Green, Reader in Public International Law, Director of Taught Postgraduate Studies, School of Law, University of Reading

The Regime of Disarmament of the Åland Islands and Contemporary Strategic European Balances.
Matthieu Chillaud, PhD, University of Tartu

Panel Two - Session 2, Wednesday 9 November (afternoon)

To Understand Poland to Understand Freedom, Ours and Yours
Dr. Stanisława Bukowicka, Department of Strategy & Defence Planning, Ministry of National Defence, Poland

Dr. Stephen Coleman, Senior Lecturer in Ethics and Leadership and Vincent Fairfax Foundation Fellow, School of Humanities and Social Sciences, UNSW@ADFA, Australia
Security and Defence policy and strategy WG.

Chairman: **BG Dr. Walter Feichtinger**, Head of the Institute for Peace Support and Conflict Management, Austrian National Defence Academy

Panel One - Session 1, Wednesday 9 November (morning)  
**Theme: Current Debates.**

**Transatlantic Relations in a post – American world: the case of the Libyan War.**  
Dr. John D. Young, Associate Professor, Department of Politics and Economics, Royal Military College of Canada

**Strategy formulation and implementation – challenges and opportunities.**  
Liselotte Odgaard, Institute for Strategy, Royal Danish Defence College, Copenhagen

**Arab Spring and institution-building: The role of Armed Forces in selected Arab societies.**  
Houchang Hassan-Yari, Royal Military College of Canada

Panel Two - Session 2, Wednesday 9 November (afternoon)  
**Theme: Dealing with insurgencies and interventions.**  
**Counterinsurgency as a Priority in Grand Strategy.**  
Lukas Milevski, University of Reading

**The light on, the dream over?**  
Postmodern states, armed intervention and state formation at the dawn of the 21st century.  
LTC Allard Wagemaker MA, Netherlands Defence Academy, Breda, the Netherlands
Panel Three - Session 3, Wednesday 9 November (afternoon)
Theme: Rethinking Security.

Rethinking maritime security building in South Asia: Prospects and strategic implications of IOR-ARC.
Sandya Nishanthi Gunasekara and Buddhika Niranjan Gamage, Faculty of Social Sciences, University of Kelaniya, Sri Lanka

Military Implications of the Energy Transformation.
Peter Johnston, Strategic Analyst, Centre for Operational Research and Analysis, National Defence Headquarters, Ottawa, Canada

Panel Four - Session 4, Thursday 10 November (morning)
Theme: Security and Policy Dilemmas.

Defence of Latvia: past, present and future.
BG, Dr. Kārlis Krēslīns, Latvian National Defence Academy

Human Security as a Policy Tool.
Nora Vanaga, University of Latvia, Riga

Blackout: Civil – military miscommunication as a recipe for a war failure.
Case study of Israel (2006) & Georgia (2008)
Mr. Jahangir Arasli, Ministry of Defence of Azerbaijan

Armed Forces and Society WG.

Chairman: Dr. R. Moelker, Netherlands Defence Academy

Panel One – Session 1, Wednesday 9 November (morning)
Theme: Armed Forces, Societies and Counterinsurgency.
Humanitarian soldiers, Colonialized Others and Invisible Enemies: Visual strategic communication narratives of the Afghan War.
Noora Kotilainen, University of Helsinki, the Finnish Institute of International Affairs

Counter-insurgency, stability and state-building effort successfully concluded in 11/2 years – 90 years ago.
BG (ret) Michael H. Clemmesen, Senior Research Fellow, Centre for Military History Royal Danish Defence College

Panel Two – Session 2, Wednesday 9 November (afternoon)
Theme: Soldiers and Society—Theoretical constructs.
How do we trust the military? Mapping the trust and its determinants across the Europe
Dr. Jurate Novagrockiene, Dr. Ausra Maslauskaite, the Institute of Military Science, The General Jonas Zemaitis Military Academy of Lithuania

Progressus Theory and its Implication to Self – conceptions of Armed Forces
Paul Ertl, the Austrian National Defence Academy

Mr. Tony Ingesson, Department of Political Science, Lund University, Sweden

Panel Three - Session 3, Wednesday 9 November (afternoon)
Theme: The military’s role in political decisions.
A risk society goes to war...with cyborg soldiers.
Mr. Lukasz Kamienski, Jagiellonian University, Krakow

Military outsourcing as an image of society and war.
Ms Mirva Salminen, Faculty of Social Sciences, University of Lapland

Defence management and economics WG.
Chairman: Dr. Robert Beeres, Netherlands Defence Academy

Panel One - Session 1, Wednesday 9 November (morning)

Economics of force generation and structure.
Dr. Abdelkerim Ousman, PhD, Associate Professor, Department of Politics and Economics, Royal Military College of Canada

Economic Impacts of Peace Missions in Context of Security and Development.
Markus Gauster, the Austrian National Defence Academy

The Organisation of the Higher Levels of Defence in the Contemporary Strategic Environment.
Tony Lawrence, et.al., International Centre for Defence Studies, Tallinn

Panel Two - Session 2, Wednesday 9 November (afternoon)

The rate of military equipment cost increase – a critical review.
Professor Juha-Matti Lehtonen, et.al., National Defence University, Helsinki
Weather information in a GIS for Transport Planning.
Åke Sivertun, Associate Professor,
Swedish National Defence College, Stockholm

Panel Three - Session 3, Wednesday 9 November (afternoon)

Eric J. De Bakker, et.al., Netherlands Defence Academy, Faculty of Military Sciences

Burden sharing in Afghanistan: a Comparative Perspective.
Dr. Robert Beeres, et.al., Netherlands Defence Academy, Faculty of Military Sciences

Special panel on Military Medicine - to go in as Panel Three – Session 3, Wednesday 9 November (afternoon)
In the same room as the Law and ethics WG (after its two sessions).

Call of Duty – Modern Warfare: and the effects of Landmines and IEDs on British troops in Afghanistan post 2001?
Shaun Allan, United Kingdom

Anthropometric characteristics and physical fitness of NDA cadets
Dr. MED Liana Plavina, Defence Scientific Research Centre, National Defence Academy, Latvian Armed Forces Training and Doctrine Command

..........................