

PROGRAM
38th Congress of the ICMH
Sofia, 25-31 August 2012
TECHNOLOGY AND WARFARE
UNDER THE AEGIS OF THE MINISTER OF DEFENSE
OF REPUBLIC OF BULGARIA H.E. ANU ANGUELOV

Saturday, 25 August

13:00-18:00 Meeting of the Executive Board of the ICMH (Varna Room)

10:00-18:00 Registration of participants and accompanied persons (Congress Lobby)

Sunday, 26 August


09:00-12:30 Meeting of the Executive Board of the ICMH (Varna Room)

09:00-12:30 Meeting of the Bibliography Committee (Elena Room)


09:00-12:30 Meeting of the Military Archives Committee (Veliko Tarnovo Room)

09:00-12:30 Meeting of the Educational Committee (Melnik Room)

10:00-20:00 Registration of participants and accompanying persons (Congress Lobby)

14:00-14:30 *Transportation by bus to the City Center* 

14:30-16:00 Visit, on foot, of the Archaeological and Architectural Center of Sofia

16:00-16:30 Laying flowers at the Grave of the Unknown Soldier (Executive Board: )

17:00-17:30 Religious Blessing Ceremony in the *Alexander Nevski* Cathedral

18:00-21:30 Welcome Party, hosted by the Commandant of *G. S. Rakovski* National Defense Academy

21:30 *Return by bus to the Kempinski Hotel Zografski*

Monday, 27 August

09:00-10:30 Opening Session  (Sofia 2 Hall)

09:00-09:10 Welcome by the President of the Bulgarian Commission of Military History, Professor Dr. Dimitar **Minchev**

09:10-09:30 Address by the Bulgarian Minister of Defence, H. E. Mr. Anu **Anguelov**

09:30-09:45 Address by the President of the International Commission of Military History, Drs. Piet **Kamphuis**

09:45-09:50 Messages read by the President of the Bulgarian Commission of Military History, Professor Dr. Dimitar **Minchev**

09:50-10:20 Keynote speech: Colonel (r), Professor Dr. Reiner **Pommerin** (Germany): *"From Stone Axe to Nukes – Technology and Warfare"*

10:30-11:00 *Coffee/Tea (Congress Lobby)*

11:00-12:30 Working Session 1: Technology, Arms Production, and Operations (Sofia 2 Hall)

Moderator: Colonel Dr. Hans Hubertus - **Mack** (Germany)

1. Professeur Dr. Jean-Nicolas **Corvisier** (France): *Armements, tactiques et stratégies: Le cercle sans fin de la guerre?*
2. Capitaine Julien **Grand** (Switzerland): *Production autonome d'avions de combats: quels défis pour un petit pays neutre?*
3. Lt. General. **Ren** Haiquan (China): *Military Technology and Strategy and Tactics in the Light of War History of the Chinese People's Liberation Army*

12:30-14:00 *Lunch at the Conference Venue*

14:00-15:45 Working Session 2: From the Middle Ages to the Age of Enlightenment (Sofia 2 Hall)

Moderator: Dr. Claudia **Reich-Ham** (Austria)

1. Professor Dr. John **Hosler** (USA): *Military Technology in the Writings of John of Salisbury (12th Century)*
2. Professeur Dr. Piero del **Negro** (Italy): *Le lexique de l'architecture militaire dans la 'longue' renaissance (XV-XVII siècles): Le rôle de la langue Italienne*
3. Professor D. Sc. Vladimir **Artamonov** (Russia): *La guerre Turco-russe, 1710-1713*
4. Dr. Sandrine **Picaud-Monnerat** (Switzerland): *La place de l'artillerie légère dans la bataille et dans la 'petite guerre' au XVIII^e siècle*

14:00-15:45 Round Table I: Technology and Naval Power before and during the First World War (Kyoto Hall)

Moderator: Capitaine de Corvette Blaise **Mbue Ngappe** (Cameroun)

1. Professor Dr. Michael **Epkenhans** (Germany): *The Imperial German Navy and "Spin-Off"*
2. Captain (Navy) Francesco **Loriga** (Italy): *The Italian Navy and the Technological Development. The Guglielmo Marconi Experiment*
3. Dr. Zisis **Fotakis** (Greece): *Technological Progress and National Defence: the Case of the Greek Navy, 1821-1914*
4. Brigadier General (r) Michael Hesselholt **Clemmesen** (Denmark): *The Fate of the Royal Navy's Network-Centric North Sea Operations Vision 1904-1916*

14:00-15:00 "Meet the Editor": The New International Bibliography of Military History (organized by the Bibliography Committee, in Elena Room)

15:45-16:15 *Coffee / Tea*

16:15-18:00 Working Session 3: 18th Century, Revolutionary and Colonial Warfare (Sofia 2 Hall)

Moderator: Colonel Matteo **Paesano** (Italy)

1. Captain Gernán **Segura García** (Spain): *La Technologie au Service de la Tactique*
2. Professor Allon **Klebanoff** (Israel): *Balloons, Rockets and Conserves. Technology and Warfare during the Revolutionary and Napoleonic Wars*
3. Ing. Flavio **Russo** (Italy): *The First Mechanical Machine Gun*
4. General Maurice **Faivre** (France): *Technologie des guerres coloniales et des opérations extérieures*

16:15-18:00 Round Table II: New Technologies, their Implementation and Consequences (Kyoto Hall)

Moderator: Dr. Ilkka **Sepinen** (Finland)

1. Colonel F. Rezzan **Ünalp** & Senior Col. (r) Professor Esat **Arslan** (Turkey): *Implications towards the Military Field of Technological Knowledge through Case Studies from the Late Turkish History*
2. Lt. Colonel Francisco **Gómez Ramos** (Spain): *The Role of Military Factories and Laboratories in the Industrial Development of Spain during the First Half of the 20th Century*
3. Dr. Paolo **Formicone** (Italy): *The Forgotten Innovations in the Italian Military History*
4. Professor Dr. Thean **Potgieter** (South Africa): *Building Naval Vessels in South Africa*

10:30-15:00 *Accompanying persons program: Shopping Tour at Mall of Sofia and lunch at Panorama Restaurant - Sofia City Center*

18:30-19:00 *Transportation by bus to the Central Military Club*

19:00-21:00 Reception hosted by the Bulgarian Minister of Defence, at the Central Military Club 

21:00-21:30 *Return by bus to the Kempinski Hotel Zografski*

Tuesday, 28 August

09:00-12:30 Meeting of the Full Board of the ICMH (Varna Room)

09:00-10:30 Working Session 4: Technology and Aviation (Sofia 2 Hall)

Moderator: General Dominique **Juillard** (Switzerland)

1. Dr. Lasse **Laaksonen** (Finland): *Trial and Error – the Finnish Air Force and Technological Development 1918-1939*
2. Lt. Colonel Shizue **Okada** (Japan): *The Three Falcons – The Succession of Aviation Technology in Japan after World War II*
3. Colonel João **Vicente** (Portugal): *Technophilic Images of Remote Air Warfare: the Event Horizon” of Unmanned Aircraft System.*

09:00-10:30 Round Table III: Technological Development and Innovations during the Balkan Wars (Kyoto Hall)

Moderator: Ambassador Dr. Dumitru **Preda** (Romania)

1. Dr. Efpraxia **Pashalidou** (Greece): Strategic and operational innovations at the Hellenic Armed Forces, as parameter of the Balkan Wars, 1912-1913
2. Dr. Gianluca **Pastori** (Italy): *Technical Innovation and Social Conservatism in the Narrative of the Italo-Turkish War (1911-1912)*
3. Colonel Andreas **Loizou** (Cyprus): *The Development of the Technology and its Impact on the Balkan Wars 1912-1913*

10:00-10:30 “Meet the Editor”: The New International Bibliography of Military History (organized by the Bibliography Committee, in Elena Room)

10:30-11:00 *Coffee / Tea*

11:00-12:30 Working Session 5: Technology: Transfer and Adaptation (Sofia 2 Hall)

Moderator: Professor Dr. Jean-Nicolas **Corvisier** (France)

1. Dr. Alan **Lemmers** (The Netherlands): *Dutch Technology Transfer to Awakening Japan*
2. MA Robyn **Rodriguez** (USA): *The Importation and Adaptation of Technology and Tactics: The German Military Mission in China, 1927-1938*
3. MA Fabio Luiz Nevez **Laurentino** (Brasil): *The Influence of French military thinking and technology in the post-World War I in Brazilian Army*

11:00-12:30 Round Table IV: Technological Development and Innovations during World War I and beyond (Kyoto Hall)

Moderator: Brigadier General /r/ Michael **Clemmesen** (Denmark)

1. Professor D. Sc. Ivan **Ilchev** (Bulgaria): *Bulgaria in the First World War: the Unknown War*
2. Professor Matitiahu **Mayzel** (Israel): *Weaponry and Revolutionary Spirit – Artillery vs. Infantry in the Russian Army 1917*
3. Brigadier General /r/ Dr. Mihail **Ionescu** (Romania): *Romania’s War Technology: Between requirements and budgetary priorities (1920-1939)*

12:30-14:00 *Lunch at the Conference Venue*

14:00-15:30 Working Session 6: Fortresses, Communications and Mobility (Sofia 2 Hall)

Moderator: Senior Col. (r) Professor Esat **Arslan** (Turkey)

1. Colonel (r) Professor Dr. Dimitar **Minchev** & Professor D. Sc. Svetlozar **Eldarov** (Bulgaria): *Bulgarian Military Communications 1878-1944*
2. Professor Dr. André **Wessels** (South Africa): *A Successful Blockhouse System, or a Disastrous Blockhead System? The British Use of the "New Technology" of Blockhouses during the Anglo-Boer War in South Africa, 1899-1902*

3. Lt. Colonel Miloslav **Čaplovič** and Dr. Peter **Chorvát** (Slovakia): *Building the Czechoslovak Fortification System – Problems of Using Technologies 1933-1938*

14:00-15:30 Workshop for PhD Candidates, Part One (Kyoto Hall)

Moderator: Professor Dr. Rudolf **Jaun** (Switzerland)

1. Angel **Dinev** (Bulgaria): *The application of advanced military technology and innovations in warfare operations of the Bulgarian army during the First Balkan War (1912-1913)*
2. Geoff **Jackson** (Canada): *The Canadian Independent Force: The advent of Canadian mechanized warfare*
3. Aurélien **Poilbout** (France): *Evolution stratégique et transformation technologique de l'armée de l'air française en Afrique (1945 – 1978)*
4. Major Rejane Pintu Costa (Brazil): *The Revolution in Military Affairs in the scope of military education*

15:30-16:00 *Coffee / Tea*

16:00-17:45 Working Session 7: Technology and Operations (Sofia 2 Hall)


Moderator: General Aureliano **Pinto de Moura** (Brasil)

1. Professor Dr. Chiharu **Inaba** (Japan): *Shadows of Submarines in the Russo-Japanese War, 1904-05*
2. Professeur Dr. Jean **Avenel** (France): *Les progrès de la recherche opérationnelle durant les guerres mondiale.*
3. Colonel Antonio **Zarcone** (Italy): *The Precursors of the Network for Data Transmission for the Artillery Terrestrial. From the Ideas of Segre at the Sorao*
4. Dr. Vincent **Arbaretier** (France): *Technologie et l'art de la guerre: les transmissions en 1940*

16:00-17:45 Workshop for PhD Candidates, Part Two (Kyoto Hall)


Moderator: Professor Dr. Kostadin **Grozev** (Bulgaria)

1. Roberto Trajkovski (FYR of Macedonia): *The Exploitation of the Narrow Gauge Railway in the Vardar Part of Macedonia, built during the First World War*
2. Daniel Fuhrer (Switzerland): *From Air Land Battle to Effects-Based Operations: US military strategy and the end of the Cold War*
3. Davide Borsani (Italy): *Beyond military technology, the cultural dimension of counterinsurgency doctrines*
4. Zhenny Vladimirova (Bulgaria): *European Space Program and the Arms Race*

17:55-18:10 *Transportation by bus to the Military History Museum* 

18:15-20:00 Visit of the Military History Museum

20:00-20:30 *Return by bus to the Kempinski Hotel Zografski*

09:00-18:00 *Accompanying persons program (Trip to the city of Plovdiv)* 

Wednesday, 29 August

09:00-10:30 Working Session 8: Experience from African and Arab Countries (Sofia 2 Hall)

Moderator: General **Rusdi Zaini** (Indonesia)

1. Professeur Mamadou **Diallo** & Colonel Birama **Thioune** (Sénégal): *Le rôle du chemin de fer dans la conquête et la pacification de l'Hinterland Sénégalais*
2. Dr. Mor **Ndao** (Sénégal): *Le rôle et l'impact de la modernisation du port de Dakar dans la défense de la ville pendant la Deuxième Guerre Mondiale*
3. Dr. Saif al **Bedwawi** (UAE): *Desert Disputes in the Emirates*

09:00-10:30 Round Table V: New Technologies, and their Implementation in the 20th Century (Kyoto Hall)

Moderator: Colonel (r) Benny **Michelsohn** (Israel)

1. MA Fergal **Purcell** (Ireland): *The Long Walk: An Aspect of the Evolution of Improvised Explosives Devices from the Irish War of Independence to 21st Century Afghanistan, and Their Impact on Military Tactics and Technology*
2. Hong Guk **On** (South Korea): *The Development of South Korean Army Technology and Warfare in the Vietnam War*
3. Lt.-Colonel Dr. Flavio **Carbone** (Italy): *Technology Evolution during the Sixties in the Fight against Criminality*

10:30-11:00 *Coffee / Tea*

11:00-12:30 Working Session 9: Intelligence and Communications (Sofia 2 Hall)

Moderator: Dr. Jan **Hoffenaar** (The Netherlands)

1. Colonel Professor Tadeusz **Panewski** (Poland): *La contribution polonaise au déchiffrement de la machine allemande Enigma*
2. Professor Dr. Jordan **Baev** (Bulgaria): *Bulgarian Scientific & Technical Intelligence Services during the Cold War years*
3. Capitaine de Corvette Blaise **Mbue Ngappe** (Cameroun): *L'évolution des communications dans la bataille contre les coupeurs de routes au Cameroun*

11:00-12:30 Round Table VI: New Technologies after the End of the Cold War (Kyoto Hall)

Moderator: Dr. Hans S. **Pawlich** (USA)

1. Dr. Azriel **Lorber** (Israel): *On the Acceptance of Technological Innovations for the Battlefield*
2. Dr. Joseph Pat **Harahan** (USA): *Eliminating the 43rd Strategic Rocket Army in the 1990s: Using International Cooperation, Technology, and Management*
3. Captain (Navy) Professor D.Sc. Yantsislav **Yanakiev** (Bulgaria): *Bulgarian Contributions to NATO's Science and Technology Organization Activities*

12:30-14:00 *Lunch at the Conference Venue*

14:00-15:30 Working Session 10: Improvisations and Innovations (Sofia 2 Hall)

Moderator: General Solly **Mollo** (South Africa)

1. Lieutenant I Wayan Agus **Apriana** (Indonesia): *Bamboo Spears as a Traditional Weapon in the Singaparna Struggle in Tasikmalaya 1944*
2. Dr. Alejandro **Amendolara** (Argentina): *Inventiveness Under Pressure: The Exocet Coastal Launcher in The Malvinas/Falklands War*
3. Colonel (r) Benny **Michelsohn** (Israel): *Tank Protection in Offensive against A/T Weapons: The Case of the Merkava Main Battle Tank*

14:00-15:30 Workshop: New and Recent Books on Technology and War (Kyoto Hall)

Moderators: Dr. Joseph Pat **Harahan** & Dr. Bianka **Adams** (USA)

Speakers: Dr. Barton **Hacker** (USA)

Colonel Dr. Winfried **Heinemann** (Germany)

Dr. Plamen **Dimitrov** (Bulgaria)

15:30-16:00 *Coffee/Tea*

16:00-17:30 Special panel: The Representation of War and Technology in Museums (Sofia 2 Hall)

Moderator: Dr. Piet **De Gryse** (Belgium), President of ICOMAM

Speakers: Dr. Mathieu **Willemsen** (The Netherlands): *The Development of Military Firearms in the Age of Industrialization*

Dr. M. Christian **Ortner** (Austria): *From the "white coat" to the field grey tunic: The change of Austro-Hungarian uniforms 1866-1918*

Professor Dr. Bozhidar **Dimitrov** (Bulgaria)

09:00-16:00 *Accompanying persons program (trip to the town of Koprivshitsa)* 

Free Evening

Thursday, 30 August

09:00-19:00 *All day trip to Rila Monastery (established in the 10th Century AD) for all participants and accompanying persons* 

09:00-11:00 Trip to Rila Monastery

11:30-12:30 1st and 2nd groups visit the Museum; 3rd and 4th groups - free time

12:30-13:30 3rd and 4th groups visit the Museum; 1st and 2nd groups - free time

13:30-14:00 Ride to "Magic of Rila" touristic complex

14:00-17:00 Picnic at open air and cultural program

17:00-19:00 Return to Sofia - please note that the arrival might be slightly delayed

Friday, 31 August

09:00-10:30 Presidents' Meeting (Elena Room)

09:00-10:30 Working Session 11: Cold War Developments (Sofia 2 Hall)

Moderator: Professor Allan **Millet** (USA)

1. Colonel Jamal **Mehssani** (Morocco): *La télémédecine : Evolution d'un concept et intérêt en situation opérationnelle*
2. Professor Brian McAllister **Linn** (USA): *Wars are fought by men supported by weapons – wars are not fought by weapons supported by men:’ The US Army, Technology, and Atomic Warfare in the 1950s*
3. Colonel Omar El **Ouadoudi** (Morocco): *Compte rendu critique de l'ouvrage «Perspectives tactiques » du Général Guy Hubin (2000)*

10:30-11:00 *Coffee /Tea*

11:00-12:30 Working Session 12: Technology, Society, and Operations (Sofia 2 Hall)

Moderator: Colonel Professor Dr. Petar **Mollov** (Bulgaria)

1. Brigadier General Marco **Ciampini** (Italy): *The importance of society/organization cultural system in relation to technological development*
2. Professor Dr. Svetoslav **Spasov** (Bulgaria): *Export of special production from the Bulgarian Military Industrial Complex during the Cold War*
3. Dr. Richard **Stewart** (USA): *It Seemed Like a Good Idea at the Time: Cold War Technological Dead Ends*

12:30-14:00 *Lunch at the Conference Venue*


14:00-14:30 Closing Address, by Professor Dr. Luc **de Vos** (Sofia 2 Hall)

14:30-16:30 General Assembly (Sofia 2 Hall)

10:30-14:00 *Accompanying persons program: Visit of newly opened ancient Roman site in downtown Sofia and lunch at Panorama Restaurant - Sofia City Center*

18:00-18:30 *Transport by bus to the National History Museum*

18:30-20:00 Visit of the National History Museum

20:00-23:00 Farewell Dinner at the Sunny Hall in the National History Museum 

23:00-23:30 *Return by bus to the Kempinski Hotel Zografski*

Suggested dress:

- 1 Casual
- 2 Business casual
- 3 Lounge suit. For military personnel: Service dress

Code vestimentaire:

- 1 Tenue décontractée
- 2 Tenue décontractée élégante
- 3 Tenue de ville (civils) / Tenue de service courant (militaires)

Unless otherwise stated, all meetings take place in the Kempinski Hotel Zografski