P R O G R A M
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 (Varma 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 (Varma 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?
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 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

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 (Varma 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

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
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 mondiales.
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)


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 Panecki (Poland): *La contribution polonaise au déchifffrage 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 (Cameroon): *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. Pawlisch (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 Willemse (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*
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| 09:00-16:00  | **Accompanying persons program (trip to the town of Koprivshtitsa)**  🎉  
              | Free Evening                                                                             |
| Thursday, 30 August | **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 | **Working Session 11: Cold War Developments (Sofia 2 Hall)**                           |
| 09:00-10:30  | Presidents’ Meeting (Elena Room)                                                          |
| 09:00-10:30  | **Working Session 12: Technology, Society, and Operations (Sofia 2 Hall)**               |
|              | Moderator: Professor Allan Millet (USA)                                                  |
|              | 1. Colonel Jamal Mehssani (Morocco): *La télémedecine: 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’  
| 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:

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

Code vestimentaire:

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

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