



FUTURE FORCES FORUM International Platform for Trends & Technologies in Defence & Security



15 - 19 OCTOBER 2018
PRAGUE, Czech Republic

UNDER THE AUSPICES OF



Office of the Government of the Czech Republic



Ministry of Defence



MINISTRY OF THE INTERIOR OF THE CZECH REPUBLIC



Ministry of Foreign Affairs of the Czech Republic



MINISTRY OF INDUSTRY AND TRADE OF THE CZECH REPUBLIC



MINISTRY OF REGIONAL DEVELOPMENT CZ



General R&D Partner of Future Forces Forum



General Partner of Future Forces Forum



Partner of Future Forces Forum



CONCEPT

FUTURE FORCES FORUM (FFF) is a continuous highly recognized and widely endorsed international platform for defence and security information exchange, promotion of the allied countries' and its partners' objectives and capabilities within the national and global security.

The Forum consists of compilation of events and activities at high political, military, security and expert level. All events are primarily focused on presentations of current and future needs in order to ensure the security, and on presentations of industry and R&D capabilities to provide governments and international organisations with required solutions and state-of-the-art technologies.

FFF 2016 AT A GLANCE

- 169** Exhibitors from **25** countries
- 7,652** Participants from over **59** countries
- 1,200+** Official delegates and VIP guests representing armed, security, and emergency domain
(**5** Ministers of Defence, **3** CHODs, **6** Air Force Commanders, **13** Ambassadors, **20+** Defence/Military/Air Attachés)
- Official delegates from **59** countries, **35+** international organisations, and **24** universities
- 40+** Generals representing **22** countries and international organisations
- 15** NATO working groups and expert teams, **300+** members
- 240+** Speakers from **24** countries, **11** international organizations, and **21** universities
- 20** Specialized events at one place (exhibition, congress, **3** conferences, **13** workshops, **2** round tables)
- 169** Exhibitors from **25** countries
- 210+** Represented companies and brands
- 15** National Expositions/International Organisation Expositions
- 57** Accredited journalists
- 65** Official Media Partners



FFF 2018

5 DAYS of Networking and Lessons Learned

FUTURE FORCES FORUM

8.5M HITS of Worldwide Media and Marketing Campaign



EXHIBITION

200+
Exhibitors

2 Live Demonstration Areas (Indoor and Outdoor)

8000+ Participants – government, military, law enforcement, IEMS, industry and business leaders



EXPERT EVENTS

2 International Congresses

6 International Conferences

7 International Workshops



NETWORKING

20+ NATO, EU Expert Working Groups Participating

35+ National and International Organisations Represented

1200+ VIPs, Official Delegates and Experts

EXPERT WORKING GROUPS' SESSIONS

15. - 19. 10. 2018, PRAGUE and PVA EXPO PRAHA

- NATO Army Armament Group (NAAG) Land Capability Group Dismounted Soldier Systems (LCG DSS)
- NATO Biological Medical Expert Panel
- NATO Joint Non Lethal Weapon Capabilities Group
- EDA Project Team Non Lethal Capabilities
- EDA Project Team Medical
- And other





FUTURE FORCES EXHIBITION

17. - 19. 10. 2018, PVA EXPO PRAHA

- 13th International Exhibition
- International Organisations, Government, Military, Law Enforcement EMS, Academia, R&D, Industry and Business Leaders
- Prices starting at 84 EUR/m²
- Tailored & Off-the-Shelf Packages
- Concessionary prices for associations, clusters, academia and national pavilions



FUTURE FORCES INDIVIDUAL SYSTEMS CONGRESS

17. - 19. 10. 2018, PVA EXPO PRAHA



- **Strategic level:** Future Soldier Systems Projects, Advanced Systems for Specialists, Lessons Learned Future Challenges, Capability Gaps and Requirements Interoperability (Systems, International, Inter-service Cooperation) Operations in Complex Urban Environment
- **Operational level:**
 - Survivability: Readiness, Protection, Endurance, Identification Friend or Foe, Concealment
 - Sustainability: Power, Special Equipment, Health Monitoring, First Aid
 - Lethality: Weapons, Non-Lethal Weapons, Sensors, Ammunition
 - Mobility: Soldier Burden, Combat Effectiveness, Terrain Orientation, Navigation Systems
 - C4I: C4ISTAR and Architecture, Receiving, Processing, Storing, Distributing information



WORLD CBRN & MEDICAL CONGRESS

17. - 19. 10. 2018, PVA EXPO PRAHA

- **Strategic level:** Civil – Military – Cooperation and Crisis Preparedness
- **Operational level:**
 - CBRN Conference:**
 - CBRN Task Forces
 - Capability Indicative Roadmap – WMD Disablement, CBRN Forensics, Special Reconnaissance
 - CBRN Search; Aerial Monitoring
 - CBRN Counter Proliferation in the Sea (Boarding Proliferation Operations)
 - Innovation and Technology Implementation
 - Bio Threats - Prevention and Efficient Response
 - MEDICAL Conference:**
 - Forms of Medical Support during the War / Humanitarian Crises
 - Lessons Learned from Operations, Missions, Terrorist Attacks, Crisis Situations and Exercises
 - Force Health Support and Protection
 - Innovation and Technology Implementation
 - NATO MILMED COE CD&E (Concept Development & Experimentation) Workshop



MEDICAL Conference:



3rd INTEGRATION OF THE EXOSKELETON IN THE BATTLEFIELD WORKSHOP

17. - 19. 10. 2018, PVA EXPO PRAHA

- NATO EOD COE, NATO Defence Against Terrorism Program of Work, NCIA
- Static and dynamic demonstrations of exoskeleton technology





MULTI-DOMAIN ADVANCED ROBOTIC SYSTEMS CONFERENCE

17. - 19. 10. 2018, PVA EXPO PRAHA

- **Strategic level:** UAVs/Drones - Potential of the Future; Civil-Military-Cooperation
Artificial Intelligence – Pros & Cons
Regulatory Processes – Implementation, Effectivity, Enforcement
Ethical, Moral and Legal Aspects of using UAVs/Drones
- **Operational level:** Unmanned Systems (JAV, UGV, USV) – Potential of the Future vs. Threats
Autonomous and Robotics Systems – Implementation in the Security Forces
Advanced Robotics Projects, and Artificial Intelligence (AI) – Command and Control
Cyber Resistance of the Robotic & Autonomous Systems (RAS)
Capability Development according DOTMLP (Doctrine, Organization, Training, Materiel, Leadership and Education, Personnel, Facilities and Policy)
Bio Robotics
WAMS 2018 - Workshop on Applied Modelling and Simulation



NATO M&S COE MESAS 2018 – Modelling & Simulation for Autonomous Systems Conference

17. - 19. 10. 2018, PVA EXPO PRAHA

- **Operational level:** Future Challenges and Opportunities of Advances M&S Technology
Autonomous Systems and Swarming – Research, Development and (future) Application
Modelling and Simulation of Intelligent Systems – AI, Research, Development and Application
Autonomous Systems in Context of Future Warfare and Security – Concepts, Applications, Standards and Legislation



LOGISTICS CAPABILITY CONFERENCE

17. - 18. 10. 2018, PVA EXPO PRAHA

- **Strategic level:** Interoperability in Logistics Procedures and Technologies
Perspective on the Future Direction of Logistics in the Wake of Current Global Security Situation
View on Multinational Logistics, Roles, Trends and Challenges in Future Operations
- **Operational level:** National and International Views on Future Development in Logistics, Related Technologies
Practical Outcomes, Experience, Knowledge and Lessons Identified from UN, EU a NATO Operations
Joint Logistics Support Group (JLSG) and its Functional Areas (Movements & Transportation; Maintenance & Recovery; Movement Control; Reception, Staging and Onward Movement (RSOM); Material Handling; Water; Fuel)
National and International Experiences in Acquisition Processes



GEOSPATIAL, HYDROMETEOROLOGICAL & GNSS CONFERENCE

17. - 19. 10. 2018, PVA EXPO PRAHA

- **Strategic level:** Understanding of Environmental and Technological Risks
Civil – Military Cooperation to Improve Disaster Preparedness and Prevention
- **Operational level:** Geospatial Support in Crisis Management
Hydrometeorological Support in Crisis Management
GNSS (Global Navigation Satellite Systems) in Crisis Management



FUTURE OF CYBER CONFERENCE

17. - 19. 10. 2018, PVA EXPO PRAHA

Deloitte.
Fidelis
cybersecurity

- Smart Cyber Defence Workshops
- Live Hacking Zone



NETWORKING

15. - 19. 10. 2018,
PRAGUE and PVA EXPO PRAHA

- B2B, B2G, G2G
- NATO Expert Working Groups Sessions
- Bilateral and Multilateral Meetings
- Matchmaking
- VIP & Business Lounge
- Galaevening



BIOMETRICS CONFERENCE

17. - 19. 10. 2018, PVA EXPO PRAHA

- Current trends in biometrics; Electronic identity;
Forensic analysis; Cryptography; Modern biometric technologies;
Data theft and protection; Advanced security threats;
Access control and authorization

