



LIST OF SPEAKERS

**WEDNESDAY, 17 OCTOBER 2018
PVA EXPO PRAHA, HALL 2**

10:00 - 13:15 **Registration**

13:30 - 14:00 **CONFERENCE OPENING**

INTRODUCTORY [Mr. Daniel STACH](#) – Moderator, Czech Television, CZE - TBC
REMARKS:

KEYNOTE SPEECH: [H.E. Dan ŤOK](#) – Minister, Ministry of Transport, CZE - TBC

[Mr. Thomas KILLION](#) – Chief Scientist, Science and Technology Organization, NATO

[LTC Jan MAZAL](#) – Chairman MARS Conference; Doctrine Education and Training Branch Chief, NATO Modeling & Simulation Centre of Excellence, NATO

14:00 - 16:00 **DISCUSSION FORUM/PLENARY – Topics at Strategic Level:**

- *UAVs/Drones – Potential of the Future; Civil - Military - Security Forces Cooperation*
- *Artificial Intelligence – Pros & Cons*
- *Regulatory Processes – Implementation, Effectivity, Enforcement*
- *Ethical, Moral, and Legal Aspects of UAVs/Drones Usage*

MODERATOR: [Mr. Daniel STACH](#) – Moderator, Czech Television, CZE - TBC

PANELISTS: (in alphabetical order)

[Prof. Ronald C. ARKIN](#) – Regents' Professor & Director of the Mobile Robot Laboratory, Associate Dean for Research & Space Planning, College of Computing, Georgia Institute of Technology, USA

[Prof. Agostino BRUZZONE](#) – President of Simulation Team & MIPET Full Professor, DIME, University of Genova, ITA

[Mr. Mark GORDON](#) – Executive Vice Chairman at AUVSI, USA - TBC

[Mr. Jan KLAS](#) – Director General, Air Navigation Services of the Czech Republic, CZE

[Mr. Zdeněk KUČERA](#) – Head of the Dispute Resolution and TMT practices at Kinstellar's Prague office, CZE

[NAVY CAPT Vincenzo MILANO](#) – Director NATO Modeling & Simulation Centre of Excellence, NATO

[Mr. Kevin MILLS](#) – Associate Director of Robotics, Tank Automotive Research Development and Engineering Center (TARDEC), USA

NATO Supreme Allied Commander Transformation (SACT), Concept Development Branch Representative

[Prof. Michal PĚCHOUČEK](#) – Department of Computer Science, Czech Technical University in Prague, CZE

[GEN David G. PERKINS](#) – Commanding General, US Army Training and Doctrine Command (TRADOC), USA - TBC

[Mr. Paul SCHARRE](#) – Fellow and Director for the 20YY Warfare Initiative, Center for a New American Security (CNAS), USA - TBC

[Mr. Noel SHARKEY](#) – Emeritus Professor of Artificial Intelligence and Robotics; Professor of Public Engagement, University of Sheffield; Chairman of the International Committee for Robot Arms Control, GBR - TBC

[Ms. Monika SHEPHARD](#) – Deputy Director J7, Vice Director for Joint Force Development, J7, USA - TBC

08:30 - 09:15 **Registration**

Morning Session **CONFERENCE**

INTRODUCTORY [LTC Jan MAZAL](#) – Chairman MARS Conference; Doctrine Education and Training Branch Chief,
REMARKS: NATO Modeling & Simulation Centre of Excellence, NATO

SPEAKERS: (in alphabetical order)

[Prof. Ronald C. ARKIN](#) – Regents' Professor & Director of the Mobile Robot Laboratory, Associate Dean for Research & Space Planning, College of Computing, Georgia Institute of Technology, USA

Autonomy and AI: Key Enablers for future NATO Capabilities

[Mr. Thomas KILLION](#) – Chief Scientist, Science and Technology Organization, NATO

[Mr. Vyjay KUMAR](#) – Nemirovsky Family Dean of Penn Engineering, Departments of Mechanical Engineering and Applied Mechanics, Computer and Information Science, and Electrical and Systems Engineering, University of Pennsylvania, USA - TBC

UAV/Drones as potential for the future and Artificial Intelligence

[Mr. Ignacio MONTIEL SANCHEZ](#) – Project Officer “Experimentation, Systems of Systems, Space, and Modelling & Simulation”, European Defence Agency, EU

NATO Supreme Allied Commander Transformation (SACT), Concept Development Branch Representative

Afternoon Session **CONFERENCE**

[Mr. Ladislav NĚMEC](#) – Deputy Minister of Transport, CZE - TBC

[CDR. SP NAVY Federico Santiago PEREZ-DUENAS](#) – Head, Modeling & Simulation Coordination Office, NATO Science and Technology Organization (STO) – CSO - TBC

[Mr. Earl W. POWERS](#) – Research Fellow, Potomac Institute for Policy Studies, Center for Emerging Threats and Opportunities (CETO), USA

The US Army's Approach to Unmanned Mobility

[Mr. Kevin MILLS](#) – Associate Director of Robotics, Tank Automotive Research Development and Engineering Center (TARDEC), USA

Industry Presentation – TBC

20 min slot for a company presentation

[COL Ondřej SUCHÝ](#) – Technical Institute of Fire Protection in Prague, CZE

16:00 - 17:00 **SOCIAL EVENT FOR SPEAKERS**

08:30 - 09:15 **Registration****Morning Session** **CONFERENCE****INTRODUCTORY** [LTC Jan MAZAL](#) – Chairman MARS Conference; Doctrine Education and Training Branch Chief,
REMARKS: NATO Modeling & Simulation Centre of Excellence, NATO**SPEAKERS:** (in alphabetical order)**Looking ahead for Beyond Line of Sight**[Mr. Christoph SULZBACHNER](#) – Senior Engineer, Austrian Institute of Technology, AUT[Mr. Richard VOLPE](#) – Section Manager of Mobility and Robotics Systems, Jet Propulsion Laboratory, NASA - TBC**Future Imperfect - Conundrum of Suddenly Human and Bio-Convergent: What Will the Future Army Look Like in 2050? Cybersecurity and Governance Considerations for the Use of Military Advanced Robotic Systems in Smart Environments**[Ms. Ina WANCA](#) – Professor at NYU, and John Jay College of Criminal Justice. Founder of AI Governance, USA**Air Navigation Services of the Czech Republic Representative**

The order of speakers and timings will be determined.

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