

CURRICULUM VITAE
(last update: Sept. 2022)

(PhD) Dr. Michele Turi
Brig. Gen. retired – OF6 – Italian Army
CEO – founder & Partner, ITRES Company SRL

Assignment

Last assignment: NATO M&S CoE Director, Rome

Personal Information

Civil and Military Training School

1978 - 1980 Scientific High School, Rome
1980 - 1983 Nunziatella Military School - Napoli (Scientific high school)
1984 - 1986 Army Military Academy (Modena)
1987 - 1988 School of Army Application (Torino)
1988 - Course of Information Technology (Bracciano)
1989 - Specialization School of Artillery (Bracciano)
1991 - 1992 Information Technology Science, (degree not completed), University of Udine
1996 - Military Staff Course
2001 – Military Strategic Sciences degree, Torino University
2004 - Master of Strategic Science - 2nd level, Torino University
2004 - Superior Defense Staff Course & LUISS Business School 1st level Master (military legal advisor), Rome
2005 - BA in Political Science - Geostrategic Simulation, University of Trieste 2013 - PhD in Engineering Mathematics and Simulation, University of Genoa
2013 – Teaching experience (military Simulation), University of Central Florida, Orlando

From 2020 – associated Professor (Military Simulation and complex systems), Genova University, Italy,
management Engineering, “Strategos” international program

Specialized military training

1995 - Military Intelligence Specialist Course
1996 - Air-land cooperation FAC - G2/G3 Course
2000 - Military teacher qualified (C4 – Command Control Computer Communications)
2002 - NATO C3I Specialist Course - Oberammergau (D)
2002 - GESI constructive simulation Courses (No. 4) - Dresden (D)
2003 - O / C - O / T Simulation Academy Course U.S. Army Fort Polk, Louisiana (US)
2003 - Administrator of Advanced C2 systems Course

2004 - Training Simulation Course Warminster (UK)

Professional Experience

1980 - 1988 Military Cadet (Training Institutes: Military School, Military Academy and Specialization School)

1989 - 1996 Lieutenant, Captain, commander of mechanized artillery operational units; responsibility of men, vehicles and equipment in the follow units:

- 46 gruppo art. smv. "Trento" Gradisca d'Isonzo (GO) - 184 reggimento art. smv. "Filottrano" Gradisca d'Isonzo (GO) - Btg. Log. "Gorizia" – Gorizia.

1997 - 1999 Staff officer in charge of COMPUSEC branch Friuli Brigade, Bologna

2001 - 2002 Chief of Research and Development C4 section

2003 - 2004 Chief of Brigade Constructive Simulation center section

2004 - 2005 chief of Constructive Exercises Office

2005 - 2006 Lt. Col. Commander of 1/33 group self-propelled artillery "Acqui" L'Aquila

2009 – 2011 Col. M&S Office Italian Army, responsible for It Army M&S policy, Ce.Si.Va. Civitavecchia

2013 – 2014 Doctrine Study & LL Head Office, Army Field Arty HQ, Bracciano

2014 – 2015 Chief of Staff, Army Field Arty HQ, Bracciano

2015 – 2016 Doctrine Study & LL Head Office, Army Field Arty HQ, Bracciano

2016 – 2018 Army Fires, Targeting & INFO-OPS advanced training 2018 – 2021 Director, NATO M&S Center of Excellence, Rome From 2022:

- NATO STO NMSG (NATO, Science Technology Organization - Modeling & Simulation Group) member at large
- EU EDA (European Defense Agency), ITA independent advisor

Operational missions and foreign experience

1998 - Sarajevo SFOR Mission (responsible field COMSEC / COMPUSEC Italian sector)

2000 - Pristine KFOR Mission (C2 Mobile Training Team)

2006 - 2010 LNO (Liaison National Officer) to the TRADOC CAC-Fort Leavenworth - KS (US) for:

liaison activity, collaboration, research and studies in the field of M&S, Training Simulation, Command and Control Doctrine.

Relevant Assignments

2001 - 2002 Chief of Research and Development C4 section

2003 - 2004 Chief of Brigade Constructive Simulation center section

2004 - 2005 chief of Constructive Exercises Office

2009 - 2011 chief of M & S research and studies section/office.

2014 – 2015 Chief of Staff, Army Field Arty HQ, Bracciano

2016 – 2018 Commander, ITA Army Fires, Targeting & INFOOPS Center

2018 – 2021 Director, NATO M&S Center of Excellence

Relevant Projects followed

- Participation in the Working Group for Lightship LCC CPX CAX exercise, VV&A for NRDC-ITA Command Post and responsible for CPX war-gaming cell;
- Participation in the Working Group for development of Preliminary Operational Requirements for It Army SIAT project (Ground Training Integrated System);
- Participation in the Working Group for development of Preliminary Operational Requirements for It Army ITB project (Integrated Test Bed);
- Transformation of Army Training Inspectorate preliminary project;

- M&S defense research centers for network Battle Labs;
- Final acquisition and installation of embryonic ITB project;
- USD (Digital Experimentation Unit) and ESA Demo planning CAX activities;
- AMN (Afghan Mission Network) preliminary military requirements implementation project;
- Artillery projects: Fire Management System, LINAPS, CNABK, VIRTUAL Arty Simulators, etc.
- Direction and control of main M&S projects on behalf of NATO ACT JFD, CoE Steering Committee, Italian Defense.

Languages

English: advanced knowledge of spoken, written, oral and reading (3,3,3,3 - july 2018).

Spanish: basic knowledge of spoken, written, and oral reading 2008: Spanish course at KU University Kansas City (U.S.).

Computer Skills

Frequency of 4 years of University, Faculty of Information Sciences.

Operating Systems: Windows – Linux

Microsoft Office: Fluent

Web Design: Photoshop 7.0, Dreamweaver

Other software dedicated to specific activities.

Programming Languages: Basic, Fortrand 77, Pascal, Delphi, C + +, Visualbasic.

Certifications

- Distributed, Parallel and Interoperable M&S DIS, CTIA, TENA & HLA FUNDAMENTALS SIREN McLeod Institute of Simulation - February 2011
- Live-Virtual-Constructive (LVC) Interoperability techniques - University of central Florida - December 2011

Scientific Publications & conferences

1. Turi M., AG Bruzzone, C. Frydman, G. Cantice, Massei M., Poggi S., (2009), "Development of Advanced Models for Supporting Operational CIMIC for Planners", Proc of I / ITSEC 2009, Orlando, November 30th - December 4th.
2. M. Turi, M. Biagini, (DIMS UNIGE PhD Program), (2011), "Study of toxic nerve agent through PDE diffusion as a terroristic act in a open space and in a underground station" - Thesis for PDE, PhD course (Italy), July 13th.
3. M. Turi, M. Biagini, (DIMS UNIGE PhD Program), (2011), "Command Center and response (CFR): Command and Control in an Immersive and Interactive Environment (C2I2)" Proceedings of the DHSS, Rome (Italy) , September.
4. M. Turi, M. Biagini, (DIMS UNIGE PhD Program), (2011), "Command Center and response (CFR) as a Training Platform" Proceedings of the 6th NATO CAX Conference, Rome (Italy), September.
5. M. Turi, M. Biagini, (DIMS UNIGE PhD Program), Bruce Joy (VastPark Chairman), (2011), "The role of LVC Simulation and Augmented Reality Techniques" Singapore, September 29th.
6. M. Turi, Agostino G. Bruzzone, Alberto Tremori, Francesco Longo, Giulio Franzinetti, (2012), "Models & interactive simulation for civil military interoperability in humanitarian aid and civil protection", MAS - Decision Support Systems Applications - Session I Vienna, 19-21 september.
7. M. Turi, Agostino G. Bruzzone, Giovanni CANTICE, Henrique C. Marques, (2012), "Innovative C2 and simulation for crowdsourcing as force multiplier". EMSS: Cloud Manufacturing - Vienna: 19 – 21 september.

8. M. Turi, Agostino G. Bruzzone, Giovanni CANTICE, Phyllis Pearce, (2012), "NET-TRAINING CAX: a new step for LIVE & VIRTUAL SAR to develop RPMNTS concept (Reaction Procedures Mobile & Network Training System) A technical approach between MEGGITT Training Systems and Academia to propose a new VIRTUAL LIVE – SAR Net-training system for Italian Army MEGGITT Training Systems", 7° CAX FORUM 2012, Ergife hotel Roma: 24 – 27 september.
9. M. Turi, Agostino G. Bruzzone, Giovanni CANTICE , Phyllis Pearce, (2012), "RPMNTS concept (Reaction Procedures Mobile & Network Training System)", MIMOS decennale, conference Campus X Università di Tor Vergata, Roma: 9-11 october.
10. Michele TURI, Agostino BRUZZONE, Agatino MURSIA, Fernando FERSINI, Raniero CASTROGIOVANNI, (2013) "CLOUD SIMULATION - a possible military application" ITEC Conference, Fiera di Roma, 22 – 24 May.
11. M. Turi, A. Bruzzone, A. Mursia, (2013), "Degraded operational environment: Integration of social network infrastructure concept in a traditional military C2 system", 18th ICCRTS (International Command & Control Research and Technology Symposium) Alexandria, Virginia (US), June 19-21.
12. M.Turi, G. Giannandrea, A. Bruzzone, A. Mursia, (2013), CYBER SECURITY: CCDS – CLOSE CYBER DEFENSE SUPPORT : Accessible way to protect critical information in a degraded tactical environment", 18th ICCRTS (International Command & Control Research and Technology Symposium) Alexandria, Virginia (US), June 19-21.

Other Interests

- various Hobbies and interests (aircraft models, fishing, reading, cooking, applications to computers, motorcycling, wine & winery, etc..).
- practiced in amateur sports: athletics, skiing, horse riding and cycling.

Plans for the Future

Working in the field of Modeling & Simulation as an expert SME (Subject Matter Expert).

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Rome Sept 14st, 2022

(PhD) Michele TURI