



Università di Roma Tor Vergata

INTERNATIONAL CBRNe MASTER COURSES

Chemical, Biological, Radiological, Nuclear and explosive

Department of Industrial Engineering and School of Medicine and Surgery

Preliminary Program

2nd International CBRNe Workshop "IW CBRNe 2015"

***" CBRNe: new technologies, new strategies,
new approaches to reduce the risk"***

The workshop addresses current CBRNe risk scenarios, focusing on:

- *How the European countries are facing DAESH threats during the economic crisis;*
- *The use of chemical agents to offend and threaten;*
- *New civil and military tools to face CBRNe risk;*
- *The influence of the global political situation on the evolution of non-conventional events;*
- *Medicine and Biology to support a prompt CBRNe response;*
- *Research, didactic and training: the real solutions to reduce risks*

**University of Rome Tor Vergata
Villa Mondragone**

Via Frascati 51 (Monteporzio Catone, Rome)

**For registration please contact:
info@mastercbrn.it**

www.mastercbrn.com

20 November 2015

Preliminary Program

08.30 - 08.50	Registration
08.50 - 09.10	Welcome greetings from Rector of University of Rome Tor Vergata <i>Prof. Giuseppe Novelli – University of Rome Tor Vergata, Italy</i>
09.10 - 09.40	Presentation of CBRNe courses results <i>Directive Board of CBRNe Master Course</i>
09.40 - 10.10	Contribution of Authorities
10.10 - 10.30	The role of OSCE <i>Dr. Adriana Volenikova – OSCE, Austria</i>
10.30 - 11.00	Coffee Break & Industrial exhibition
11.00 - 11.20	Environmental impact of CBRNe events <i>Prof. Leonardo Palombi – University of Rome Tor Vergata, Italy</i>
11.20 - 11.40	Enhance Functionality in Chemical Biological Environments <i>Dr. Giovanni Longo - W.L. Gore & Associates, Inc., Europe</i>
11.40 - 12.00	CBRNe Islamic State - Hoax or reality? <i>Dr. Ioannis Galatas – Greek Army, Greece</i>
12.00 - 12.20	New challenges of Nuclear plan decommissioning <i>Dr. Giovanni Calabresi - SOGIN, Italy</i>
12.20 - 12.40	Teach them how to fish <i>Dr. Michael Thornton - JRC-ISPRA, Italy</i>
12.40 - 14.00	Lunch & Poster session & Industrial exhibition
14.00 - 14.20	Ebolavirus in West Africa <i>Dr. Cornelius Bartels - ECDC, Sweden</i>

14.20 - 14.40	Proposal of an innovative International Training Curriculum for Advisors in Emergencies and CBRNe Events <i>Maj. Andrea Gloria - NATO School, Germany</i>
14.40 - 15.00	Title to be confirmed <i>Dr. Eng. Massimo Piva - SELEX Land & Battlefield LoB, Italy</i>
15.00 - 15.20	OSINT to fight Terrorism <i>Dott. Federico Sesler - CISINT, Italian Centre for Strategy and Intelligence, Italy</i>
15.20 - 15.40	Title to be confirmed <i>Lt.Col. Bernd Allert - German Army, Germany</i>
15.40 - 16.10	Press conference on the CBRNe book series <i>Book series authors - ARACNE, Italy</i>
16.10 - 16.30	Final Greetings Scientific Committee of CBRNe Master Courses
16.30	Attendance Certification Assignment

Preliminary Abstract

Poster Session

	First Author	Affiliation	Topic - Title
1	Aspetti Pio Ciro - Carcano Riccardo	BMD Italy	Progettazione e prototipazione di dispositivo elettronico, avente un sistema radio per la "remotizzazione" dei dati e che gestisce sensori di diversa natura quali: Pressione respiratore -posizione- temperatura-radiologico
2	Baldassi Federico	Italian Army	Testing the accuracy ratio of the Spatio- Temporal Epidemiological Modeler (STEM) through Ebola Hemorrhagic Fever outbreaks
3	Britti Serena		Bioterrorism or natural outbreak? Validation of a discriminative method applied to a real event
4	Carminati Gaetano	NBC school - Rieti	To be defined
5	Cenciarelli Orlando	Department of Industrial Engineering, University of Rome Tor Vergata	A Novel Approach to set up a Quasi Real- Time Biological Agents Detection System
6	Cipollone Domenico	Italian Army	Psychological health after CBRNe event
7	Cirigliano Angela - Rinaldi Teresa	University of Rome La Sapienza - Italian Army	Biological dual-use research
8	Corrao Salvatore / Priori Fabrizio	Italian Fire Fighters	The International Response System in case of CBRN emergencies: EU and NATO between deployable capacities and new developments
9	Costagliola di Fiore Alessandro	Cristanini SpA	To be defined
10	D'Amico Fabrizio	Italian Army	To be defined
11	D'Auria Maria Concetta	CBNRe Master Courses	LiDAR technology
12	De Angelis Paolo	Vatican Fire Fighters	Free licence code to determine radionuclide contamination: 2 case studies
13	Di Giacinto Marta	CBNRe Master Courses	Food Safety and Biological Risk: Potential Use of Food for Dissemination or Biological Threat

14	Di Giovanni Daniele	Department of Industrial Engineering, University of Rome Tor Vergata	Gap Tool for Evaluation (GATE) of CBRNe Drills, Table Top Exercises and Full Scale Exercises
15	ENEA (Padoani)	ENEA	To be defined
16	Farrace M. Giuseppina - Galeotti Francesca	Italian Department of Civil Protection	Environmental effects after flooding in Italy: analysis and proposal of action.
17	Frusteri Liliana	INAIL	To be defined
18	Fumian Francesca		Convergence between Chemical and Biological Conventions in the field of Facilities Inspections and Verifications
19	Gabbarini Valentina	CBNRe Master Courses	Viral bioterrorism: learning the lesson of Ebola virus in West Africa 2013-2015
20	Gabriele Jessica		Use of Non-Pathogenic Biological agents as Biological Weapons simulants for the development of a stand-off detection system
21	Gallo Romeo	Italian Fire Fighters	Radioactivity - A Manual for First Responders
22	Gaudio Pasquale	Department of Industrial Engineering, University of Rome Tor Vergata	The World of Research Working on CBRNe Problems: Laser Remote Sensing Systems for CWA, TICs and TIMs Detection and Identification
23	Geri Francesco - Sassu Beppe - Follari Massimo Giuseppe	Italian Department of Civil Protection	EU Host Nation Support Guidelines in case of CBRN Emergency
24	INGV	Istituto Nazionale di Geofisica e Vulcanologia (INGV)	To be defined
25	INGV (Chiappini)		To be defined
26	Lembo Raffaele - Secchi Alberto	Italian Navy	Study of a DSS for the management of CBRNe events in civil and defence scenarios
27	Lisanti Maddalena / Martino Pietro	Italian Fire Fighters	Expo 2015 and CBRNe risks
28			
29	Local committee from San Donato V. Comino	Italian Red Cross	Strategic objectives for the Italian Red Cross till 2020
30			
31			

32	Ludovici Gian Marco	CBNRe Master Courses	Hospital infection control incurred by <i>Acinetobacter baumannii</i>
33	Malizia Andrea	Department of Industrial Engineering, University of Rome Tor Vergata	The Importance of a High Level Academic Approach to the CBRNe Problem to improve the Capabilities of Prevention, Management and Evaluation of Consequences
34	Mancino Luigi	Italian Air Forces	Italian CBRN crisis management system: toward a more efficient defense and security system through a C2 reorganization
35	Pacciani Eleonora	CBNRe Master Courses	Design of a scenario simulator for interactive training of medical response to major emergencies
36	Paoletti Roberto	Italian Fire Fighters	Comparison of chemical risk management approaches
37	Pazienza Michele	Italian Army	Application of Real-Time PCR to Identify Residual Bio-Decontamination of Confined Environments after Hydrogen Peroxide Vapor Treatment: Preliminary Results
38	Pietropaoli Stefano	University of Rome 3	An analysis of Ebola Virus Disease 2013-2014 Outbreak in West Africa
39	Presciutti Federica	Istituto Nazionale di Geofisica e Vulcanologia (INGV)	Laboratory HPGe detector start up for gamma-ray spectrometry measurements applied to environmental studies.
40	Rossetti Pietro	Italian Red Cross	NATO approach to the CBRNe threat
41			To be defined
42	Sassolini Alessandro	ARPA	To be defined
43	Soave Maurizio - Brancaleoni Rachele	Università Cattolica del Sacro Cuore - Rome	To be defined
44	Tedesco Luca	Italian Navy	Islamic State and CBRNe, the new threat
45	Volpetti Vito	Thales Italy	CBRNe Threat Detection and Monitoring System Advanced prototype
46	Zahiddullah Zahid	CBNRe Master Courses	Printed and disposable biosensor based on cholinesterase inhibition for nerve agent detection
47	Zelinotti Luca		Dispersion of CBRNe agents in aquatic environment
48	Corrao Salvatore	Italian Fire Fighters	To be defined

49	Capobianco Luigi	Italian Fire Fighters	To be defined
50	Vittorio Badalone	Military Italian Red Cross	To be defined

In progress

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