



MASTER CBRNe

Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery

International Master Courses in “PROTECTION AGAINST CBRNe EVENTS”

The evolution and increase in Safety and Security threats at an international level place remarkable focus on the improvement of the emergency systems to deal with crisis, including those connected to ordinary and the non-conventional events (Chemical, Biological, Radiological, Nuclear, and explosives).

In every industrial Country there are multiple entities with specialized teams in very specific fields, but the complexity of the events requires professionals that not only have specific know-how, but also expertise in the relevant areas.

Given the global interest in these issues, the Department of Industrial Engineering and the Faculty of Medicine and Surgery of the Tor Vergata University organize the international Master Courses in “Protection against CBRNe events”: I Level Master Course in “Protection against CBRNe events” (120 ECTS) and II Level Master Course in “Protection against CBRNe events” (60 ECTS). These courses aim at providing attendees with comprehensive competences in the field of CBRNe Safety and Security, through teaching and training specifically focusing on real needs.

The creation of the “**Click & Read**” newsletter, that connects directly to the International CBRNe Master website simply clicking on the blue titles of each news, would be a monthly appointment about the main news around International CBRNe Master Courses... and more!

Enjoy!!!

International CBRNe Master Courses

Department of Industrial Engineering, University of Rome “Tor Vergata”

Via del Politecnico 1, Roma, Italy - Zip Code 00173

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Click & Read N° 25 - June 2016

07.01.2016 - CBRNe Master Courses

We have just concluded the C and B Module of the I level Master course and the DSS Module of the II Level Master course.

The Directive Board of the Master courses thanks all the lecturers that took part in these Modules: Dr. Cenciarelli, Cap. Paziienza, Dr. Pinciarelli, Dr. Eng. Malizia, Ten. Colombi, Dr. Lombardi, Prof. Liotta, Dr. Ludovici, Dr. Soave, Dr. Costagliola di Fiore, Dr. Sassolini, Dr. Meulenbelt, Prof. Arduini, Magg. Ventura, Ing. Corrao, Dr. Smith, Dr. Cekovic, Cons. Farruggia, Cmd Carminati, Dr. Ciparisse, Dr. Eng. Di Giovanni.



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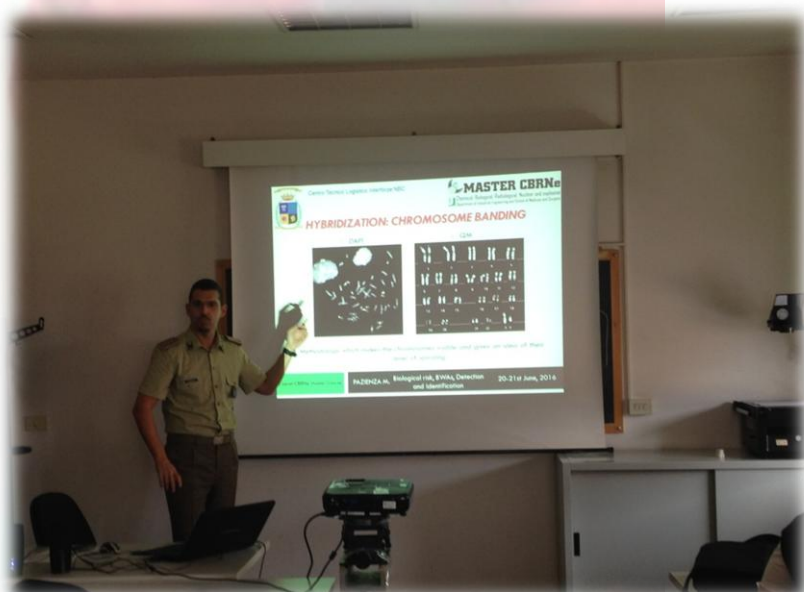
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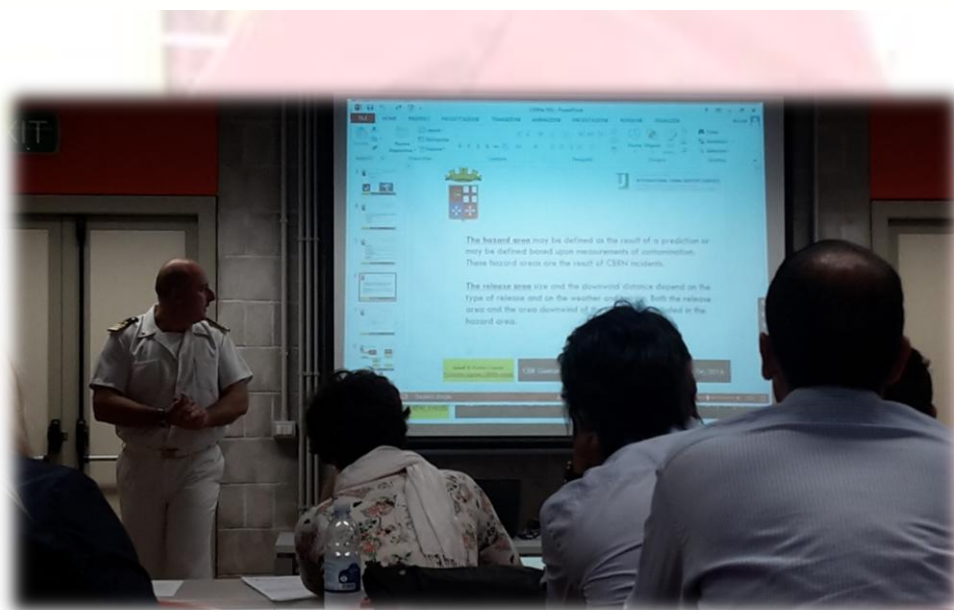
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06.24.2016 - Master CBRNe & Italian Ministry of Foreign Affairs

The Directive Board of CBRNe Master Course has participated to the 65 Consultive Committee for Chemical Weapon problems under the umbrella of OPCW at the Italian ministry of Foreign Affairs.

All the Italian team working to the problem of CW under the guidelines of CWC were in the meeting: Dogane, Federchimica, Italian Ministers of Foreign Affairs, Defense and Interior and several Entities working on chemical safety and security.

We had the chance to discuss about important topic and to present our activities being available for cooperation in term of didactic, training and research activities.

A special thanks to Cons. Farrugia Emmanuele and his staff for this important chance.

06.14.2016 - Final defense of 2nd Level Master Course Thesis

- 1) Emergency management of biohazard events, outbreak on ship and hospital
- 2) The risk assessment and radiological emergency management in health facilities of nuclear medicine
- 3) Bio-emergencies management. Case study: spreading of *Xylella fastidiosa* in Apulia region
- 4) Molecular ecotoxicology as analytical technique for all the CBRN threats
- 5) Personal protective equipment uses and innovation in clothing and testing
- 6) Event management B in CBRN environments: comparison between the European and the Australian approach

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06.13.2016 - Final defence of 2nd Level Master Course Thesis

1. Psychosocial care in case of CBRNe incidents;
2. CFD simulations of 1993 anthrax Tokyo attempt and of similar events;
3. Comparison of climate change forecasts made in the last decade for the Mediterranean area with the current climatic conditions with a view to safety evaluation of the future National Repository for Low and Intermediate Radioactive Waste;
4. Application of advanced mathematical models to the spreads of epidemics in non-conventional contexts;
5. Clothing resistance to biological agents - Guidelines;
6. NIMBY Syndrome;
7. Decontamination of individual weapons;
8. An innovative national CBRN defence approach.

Greetings from the Directive Board of the International CBRNe Master Courses to all the students that achieved the Title today and complete this important experience!

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06.10.2016 - NEW SCIENTIFIC PAPER PUBLISHED

We are glad to announce that the paper

'G.A.T.E': Gap analysis for TTX evaluation

by Ilaria Cacciotti, Daniele Di Giovanni, Alessandro Pergolini, Andrea Malizia,
Mariachiara Carestia, Leonardo Palombi, Carlo Bellecci, and Pasquale Gaudio

has been published on International Conference of Numerical Analysis and
Applied Mathematics 2015 (ICNAAM 2015) AIP Conf. Proc. 1738, 270019-1–270019-5;
doi: 10.1063/1.4952058 Published by AIP Publishing.

This is a great success of the International CBRNe Master Courses.

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1st and 2nd Level Master Courses
CBRNe Master Courses
2015/2016 - 2016/2017

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OPEN THE APPLICATION - FOR BOTH COURSES FOR ACADEMIC YEARS 2015/2016 - 2016/2017

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