



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

### 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*

*Phone: 0039 0672597201 - Mail Address: [info@mastercbrn.it](mailto:info@mastercbrn.it)*



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# Click & Read N° 20 - January 2016

***CBRNe Master Courses on today's edition of  
Metro Newspaper***

### I and II level International Master Courses



### Master Universitari Internazionali di I e II livello

## **Protection against CBRNe Events** (Chemical, Biological, Radiological, Nuclear and explosive)

### **Protezione da Eventi CBRNe**

(Chimici, Biologici, Radiologici, Nucleari ed esplosivi)

**Enrollment  
Open**

**Apply Now!**

**[www.mastercbrn.com](http://www.mastercbrn.com)**



The International Master Courses in "Protection Against CBRNe events" provide theoretical and practical training for first responders, and advisors of decision makers, in the field of Chemical, Biological, Radiological, Nuclear and Explosives safety and security. The courses, that are "NATO selected" and supported by the OPCW (Organisation for the Prohibition of Chemical Weapons) are opened to civilian and military attendees. Students will participate to frontal lessons and practical activities both at the University of Rome Tor Vergata and specialized training centers in Italy and Abroad (The NATO School in Germany, the VVU center in Czech Republic, the Seibersdorf Laboratories in Austria and the Chernobyl centre in Ukraine)



**I level  
2 years – 120 ECTS  
For First Responders**

**II level  
1 year – 60 ECTS  
For Advisors**

**Single  
1 week-modules  
available**

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**Now online the Public Announcement of the  
new edition of the both Master Courses:**

**1st and 2nd level.**

[New edition 2015/2017](#)

[1<sup>st</sup> Level International Master](#)

[New edition 2015/2016](#)

[2<sup>nd</sup> Level International Master](#)

**Apply Now!**



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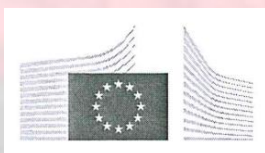
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# Click & Read N° 20 - January 2016

### 04.02.2016 - CBRN Integrated Response Italy project: Final Report by European Commission



The project, conducted by the University of Rome Tor Vergata, thanks to the expertise resulting from the International Master Courses in Protection Against CBRNe Events, in collaboration with Scuola Superiore S. Anna and the Italian National Fire Corps, received the final report and successful evaluation by the European Commission.

The report underlined the good results of the project and encouraged the International Master Courses to consider the implementation of the training curriculum for first responders and law enforcement agents developed during the project within its training activities.

*Good project aiming at implementation of several actions from the EU CBRN Action Plan in Italy. The composition of the partnership - both academia and first responders - was very relevant and seems to have functioned correctly. Moreover, institutions from NL and EE - even though not actual partners - contributed significantly to the implementation of the project.*

*The results will surely benefit Italy and can be transferable - perhaps after adjustment related to the local specificity - to other Member States. Moreover the results will be taken into account by DG ECHO during the review of the EU HNSG. They should also allow improvement of the Master Course at the Tor Vergata University.*

The evaluator also recommended the follow-up as below:

*Make sure that the results of the project feed into the curriculum both of the first responders and the university course at tor Vergata.*

# Click & Read N° 20 - January 2016

## [02.01.2015 - CDR Gaetano Carminati is the new Didactic Coordinator of the 1st Level Master Course](#)

CDR Carminati is the new Didactic Coordinator of the 1st Level International Master Course in Protection against CBRNe Events.



CDR Carminati was born in Rome on the 7th January 1973. In 1992 start the career in the Italian Navy. He attended Navy officers integrative course from 1995 to 1996, the Italian Naval Academy. In 2008 he graduated with a bachelor degree in Management and Organizational Studies with final thesis on the Chemical Weapons Convention.

**The whole Directive Board of the International CBRNe Master Courses congratulates the Commander Carminati for this new significant assignment!**

[\(read more...\)](#)

# Click & Read N° 20 - January 2016

## 01.29.2016 - Visit to RA.SE.T. - II level International CBRNe Master Course

The II Level International CBRNe Master Course Class, thanks to the collaboration between Industrial companies cooperating with the Master visited today RA.SE.T. Representation Technology Services (Rappresentanza Servizi Tecnologici).

RA.SE.T. is a company expert in criminal science, working since 1995 in the field of special equipment to support purpose of investigations, RA.SE.T. is specialized in designing and manufacturing of micro motors for cameras, remote control systems for video equipment and systems for camouflage shooting, usefully employed, since many years, by special units of police forces involved in fighting crime.

At the end of the visit, an interesting exercise on the detection of fingerprints was performed by students.

For more information about RA.SE.T., follow the [link](#)



# Click & Read N° 20 - January 2016

### [01.27.2016 - Visit to the NOE - Carabinieri](#)

The class of the II Level International CBRNe Master Courses visited NOE the Ecological Operational Core - Carabinieri (N.O.E., *Nucleo Operativo Ecologico* - Carabinieri).

**For more information about N.O.E., follow the [link](#)**

This is another product of to the collaboration between Military entities and the Master.



***The Directive Board of the International Master Courses in Protection against CBRNe events want to thanks the whole staff at the NOE for the amazing experience.***



# Click & Read N° 20 - January 2016

## 01.26.2016 - Module "Navy" – The involvement of the Italian Navy in CBRNe events

Today, during the Module 8: Investigation and Information in case of CBRNe events, a series of very interesting lectures were carried out by Captain Fabio Polidoro, from Italian Navy

**To express the thankfulness of the whole Directive Board, the President of the Scientific Board, Prof. Carlo Bellecci, tributed Cpt. Polidoro with a Crest of the CBRNe Master Courses.**



[\(read more...\)](#)





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### 01.25.2016 - Investigation and Information in case of CBRNe events

Three very interesting lessons were carried out today by experts from the Department of Public Security (Dipartimento di Pubblica Sicurezza), in the module 8 of the II Level Master Course titled "Investigation and Information in case of CBRNe events".

The Directive Board of the International Master Courses in Protection against CBRNe events want to thanks a lot the teacher for your amazing lectures.

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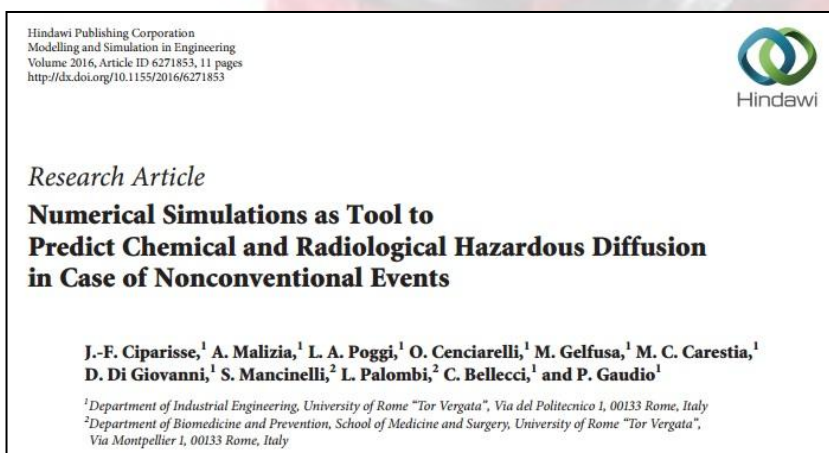
## 01.23.2016 - New Research Article Published - Ciparisse et al.

It is a great pleasure to announce that the paper:

### **Numerical Simulations as Tool to Predict Chemical and Radiological Hazardous Diffusion in Case of Nonconventional Events**

has been published on the scientific journal *Modelling and Simulation in Engineering*, indexed on **SCOPUS**.

This is another product of the collaboration between students and Military, Public and Private entities cooperating in the Master.



Many compliments to the first author, **Dr. Eng. Jean-Francois Ciparisse**.

.Click [HERE](#) to download the file



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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 MODULES FOR ACADEMIC YEARS 2015/2016 - 2016/2017

[NATO SELECTED](#) [OPCW AGREEMENT](#)

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