



# 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*

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



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## 1st Scientific International Conference on CBRNe



Organized by the Health Safety and Environmental Association Rome (HESAR)

22-24 MAY 2017  
ROME, ITALY



### WHY ATTEND?

#### MEET

Worldwide Public, Military, Private, Research,  
Academic CBRNe experts

#### LEARN

Different approaches to the CBRNe safety  
and security cultures

#### PUBLISH

Scientific papers in internationally recognised  
peer-reviewed journals

#### VISIT

One of the most beautiful cities in the world

### TOPICS

- EMERGENCY SYSTEM AND SOLUTIONS
- EMERGENCY COMMUNICATION AND PSYCHOLOGY
- MEDICAL MANAGEMENT AND FIRST AID
- DECISION SUPPORT SYSTEM (DSS)
- INTERNATIONAL LEGAL FRAMEWORK
- ECONOMICAL ASPECTS ON CBRNe EVENTS
- DIFFUSION AND DISPERSION OF CBRNe AGENTS
- DETECTION AND IDENTIFICATION OF CBRNe AGENTS
- MODELING AND SIMULATION
- CBRNe FORENSIC
- PROTECTION AND DECONTAMINATION IN CASE OF CBRNe EVENTS
- CYBERSECURITY
- EDUCATION AND TRAINING

### VENUE

Istituto Superiore Antincendi  
(National Fire Academy)

Via del Commercio 13  
00154 Rome, Italy



Visit: [www.sicc2017.com](http://www.sicc2017.com)

Contact: [sicc2017@sicc2017.com](mailto:sicc2017@sicc2017.com)

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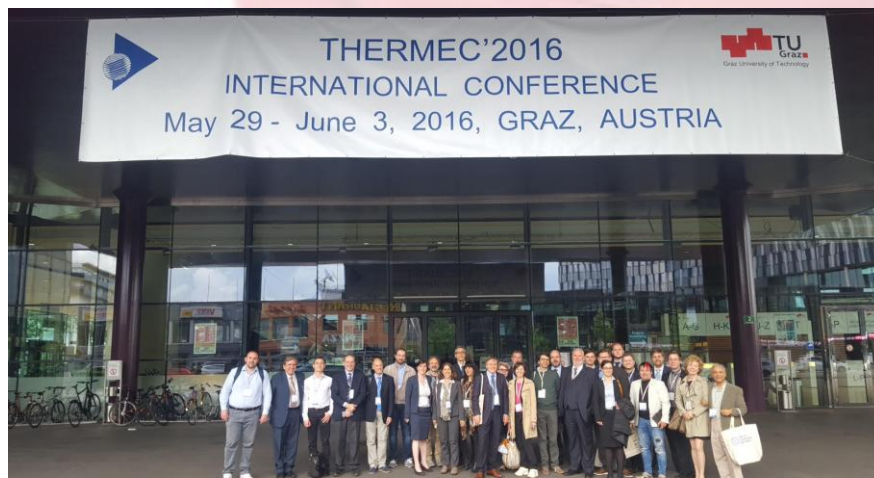
## Click & Read N° 24 - May 2016

### 06.07.2016 - THERMEC Conference 2016

The Master CBRNe in Protection against CBRNe events are glad to thank the Department of Industrial Engineering of the University of Rome Tor Vergata (especially **Prof. Roberto Montanari**, Coordinator of the PhD of Industrial Engineering and **Dr. Maria Richetta**) to let possible the participation of the QEPM Research group representative (**Dr. Andrea Malizia**) to present to important contributes at the International Conference THERMEC2016.

The presentations presented were:

- 1) **A novel facility to investigate dust mobilization in confined environments with applications to the security of the pharmaceutical industry** by: Malizia A., Gelfusa M., Murari A., Richetta M., Ciparisse J.F., Poggi L.A., Lungaroni M. and Gaudio P...



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## Click & Read N° 24 - May 2016

### [05.31.2016 - NEW SCIENTIFIC PAPER PUBLISHED!](#)

We are glad to announce that the paper

#### [USE OF THE "HOTSPOT" CODE FOR SAFETY AND SECURITY ANALYSIS IN NUCLEAR POWER PLANTS: A CASE STUDY](#)

by Mariachiara Carestia, Andrea Malizia, Oscar Barlascini, Eugenio Fiorini, Paolo Maurizio Soave, Gianna Latini, Orlando Cenciarelli, Fabrizio D'Amico, Carlo Bellecci, Pasquale Gaudio has been published on *Environmental Engineering and Management Journal* ("Gheorghe Asachi" Technical University of Iasi, Romania), indexed in Scopus.

### [05.16.2016 - Lecture on Chemical Threats @2nd Level Master Course](#)

An interesting lecture on Chemical Warfare Agents has been faced by Cpt. Fabrizio D'Amico from Italian Army, during the lessons carried out at the 2nd level International CBRNe Master Course.

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## Click & Read N° 24 - May 2016

### 05.11.2016 - OPCW-Day

A representative of the Directive Board of the International Master Courses in "Protection against CBRNe events" attended the first annual [International Day for the Foundation of the Organisation for the Prohibition of Chemical Weapons](#) (OPCW).

For the event, a conference series and exposition entitled Chemical Safety and Security in a Technologically Evolving World have been organized by the OPCW from May 2 to May 4.

Such event has represented a great opportunity for stakeholders from across relevant communities in disarmament, and chemical and technological industry to discuss innovation and a world free of chemical weapons.



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## Click & Read N° 24 - May 2016

### 05.10.2016 - Master student completed the traineeship to the licensee of our Golden Sponsor

Jessica Gabriele, student at the 2<sup>nd</sup> Level International Master Course in Protection against CBRNe events, has completed her traineeship period to [T.L. Italy](#), licensee for [GORE L.C.](#), our Golden sponsor.

The traineeship was focused on the researches on innovative fabrics effective to the protection against biological agents.

By this work, Jessica Gabriele will develop her Master thesis, that will be defended in next June.

### 05.06.2016 - NEW SCIENTIFIC PAPER PUBLISHED!

We are glad to announce that the paper *New analysis methods to push the boundaries of diagnostic techniques in the environmental sciences*

by M. Lungaroni, A. Murari, E. Peluso, M. Gelfusa, A. Malizia, J. Vega, S. Talebzadeh and P. Gaudio has been published on *Journal of Instrumentation* (IOP Publishing), indexed in Scopus.

This is a great success of [QEPM Research group](#) in collaboration with the International CBRNe Master Courses.

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