

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!!!



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### Click & Read N° 16 - September 2015

2<sup>nd</sup> International CBRNe Workshop "IW CBRNe 2015"

After the huge success of the first workshop "IW CBRNe 2014" we are glad to announce that the second edition of the workshop will be held in November 2015 at University of Rome "Tor Vergata".

The workshop wants to be a meeting point for experts, first responders, decision makers, companies and the academia in the field of CBRNe.

"IW CBRNe 2015"

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

20 November 2015 Sala degli Svizzeri

Villa Mondragone
Congress Center of the University of Rome Tor Vergata

Monteporzio Catone - Rome

To download the first announcement, please click here



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#### 10.08.2015 - OSINT DAESH MATRIX COURSE

Continua la collaborazione con il <u>CISINT</u> (<u>Centro Italiano di Startegia</u> ed Intelligence)

16-17 Novembre 2015 - Dipartimento di Ingegneria Industriale
Università di Roma Tor Vergata

N.B.: Il corso verrà erogato sulla base del first arrived - best served, essendo il numero dei posti disponibili limitato.

INFORMAZIONI E ISCRIZIONI: segreteria@cisint.org

10.02.2015 - Guidelines for Applicants are now available

Dear Candidates,

we inform you that the enrollment guidance and tuition fee details are now available to help you during the whole procedure for the enrollment to the I and II Level CBRNe Master Courses.

Visit the section "Master Courses" in the homepage of this website to download the guidelines for the respective Master Course.

For further information, please contact the Secretariat at info@mastercbrn.it



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### Click & Read N° 16 - September 2015

09.30.2015 - NATO School, Oberammergau (DE) - Biological Warfare

Defence Awareness Course

The II Level Master Course Attendees have come back from a pleasant International experience in Oberammergau (Germany), where the II edition of M3-81-A-15 NATO School "Biowarfare Awareness Defence Course" took place from the 21st to 25th of September.

Through this course, participants achieved a basic understanding of current and emerging Biological Warfare (BW) hazards, risks, threats, implications of Medical Countermeasures and legal considerations within the context of NATO Biological Defence policy and capabilities.

More than 40 attendees with military and civilian background, from all over the NATO Countries, had the chance to participate and find a proactive environment where they exchanged information and experiences.

The Directive and Scientific Board of the Master Courses in "Protection against CBRNe events" owe a special thank to Captain W. Scott Butler - Commandant of the NATO School of Oberammergau, to Major Andrea Gloria - Course Director, and to all the NATO School Representatives, for this great opportunity and for those that will rise in the future thanks to this precious collaboration.

Further information on the NATO Biowarfare Awareness Defence Course are available at: LINK





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### Click & Read N° 16 - September 2015

#### 09. 28. 2015 - NEW SCIENTIFIC PAPER PUBLISHED!

It is a great pleasure announce that the paper:

"First Experimental Campaign to Demonstrate STARDUST-Upgrade Facility Diagnostics Capability to Investigate LOVA Conditions"

has been published on the scientific journal: **Journal of Fusion Energy, DOI:** 10.1007/s10894-015-9964-x3; this journal is index on **SCOPUS**. This is another product of the collaboration betwenn students and Military, Public and Private entities cooperating in the Master.

To download the paper please click **HERE**.

#### 09. 26. 2015 - NEW SCIENTIFIC PAPER PUBLISHED!

It is a great pleasure announce that the paper:

"Simulations and Experiments to Reach Numerical Multiphase Informations for Security Analysis on Large Volume Vacuum Systems Like Tokamaks"

has been published on the scientific journal: **Journal of Fusion Energy, doi:** 10.1007/s10894-015-9905-8; this journal is index on **SCOPUS.** This is another product of the collaboration between students and Military, Public and Private entities cooperating in the Master.

To download the paper please click HERE.



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### Click & Read N° 16 - September 2015

#### 09. 22. 2015 - Interview to our Didactic Coordinator

Aracne editrice is in charge, together with our CBRNe Master Courses, to run the first Book series in the world on CBRNe.

Aracne has arranged an interesting interview (language Italian) with the Didactic Coordinator of our CBRNe Master Courses, **Dr. Andrea Malizia**. The interview touch a lot of points starting from research on safety and security fields like the laser systems developed from the **QEPM research group** of University of Rome Tor Vergta till the activities of our CBRNe Master courses.

You can watch the full interview *HERE*.



Two members of the Didactical board, Dr. Orlando Cenciarelli and Dr. Daniele Di Giovanni, togheter with students of both the Interational Master Courses in Protection Agaist CBRNe events partecipated from 7 to 18 September to the Cocim Course (Civil-Military Cooperation) at the Centre for High Defence Studies.

It was a great opportunity to improve the relationships between the Master Courses and the Public -military and civil- and Private entities.

For more informations about the COCIM courses, follow the link.



Università di Roma Tor Vergata

#### INTERNATIONAL CBRNe MASTER COURSES

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## Click & Read N° 16 - September 2015

09.07.2015 - Bye Prof. Marinelli, thanks for all



We are very sad to announce that Prof. Massimo Marinelli, Former Director of Industrial Engineering Department is dead yesterday After a long disease.

Prof. Marinelli has been fundamental for the beginning and the growth of our Master Courses so on behalf of all the students, the Didactic Board, the Scientific Board the Directive Board wants express condolences to Prof. Marinelli family and to Marco, his brother, unique friend and colleague.

R.I.P Prof. Massimo Marinelli and thanks for everithing.

If you want to see more reach us on





International CBRNe Master Courses

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