



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”*

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# Click & Read N° 17 - October 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 *PRELIMINARY PROGRAM*, please click [here](#)

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### [11.03.2015 - Sponsorship Agreement now signed - W.L. Gore & Associates](#)

Another great success for the International CBRNe Master Courses



A Sponsorship Agreement has been signed between:

W.L. Gore & Associates Inc.

and

Department of Industrial Engineering University of Rome Tor Vergata

### [10.30.2015 - NEW SCIENTIFIC PAPER PUBLISHED!!!!!!](#)

It is a great pleasure announce that the paper: [SX34 and the Decontamination Effects on Chemical Warfare Agents \(CWA\)](#) has been published on the scientific journal: *WSEAS Transactions on Environment and Development*, ISSN / E-ISSN: 1790-5079 / 2224-3496, Volume 11, 2015, Art. #22, pp. 201-206

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.

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### 10. 18. 2015 - NEW SCIENTIFIC PAPER PUBLISHED!!!!

It is a great pleasure announce that the paper: [The Importance of Forensic Microbiology in CBRNe Investigations](#) has been published on the scientific journal: BULETIN TEKNIKAL S&T PERTAHANAN JILID 8 BIL. 2/2015

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.

### 10. 15. 2015 - A NEW AWARD FOR ONE OF OUR RESEARCHER

Mariachiara Carestia (*PhDc for the PhD program in Industrial Engineering, University of Rome Tor Vergata*) has been awarded by the conference chairs with the "best student paper presentation" at SPIE's Remote Sensing and Security + Defence International Symposia held 21-24 September 2015 in Toulouse, France after her oral presentation of the manuscript "*Multispectral analysis of biological agents to implement a quick tool for stand-off biological detection*" (by M. Carestia, R. Pizzoferrato, M. Lungaroni, J. Gabriele, G.M., Ludovici, O. Cenciarelli, M. Gelfusa, A. Murari, A. Malizia, and P. Gaudio).

The manuscript will be soon available in the conference proceedings at the following link:

<http://proceedings.spiedigitallibrary.org/SS/Just Published ESD 2015.a>

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### [10.23.2015 - International CBRNe Master Courses at the 3rd International Symposium on Development of CBRN-Defence Capabilities](#)

Great success for the Posters and the Speech presented by the International CBRNe Master Courses' Delegates at the [3rd International Symposium on Development of CBRN-Defence Capabilities](#) taked in place in Berlin, Germany from October 19-21, 2015.

The speach of Dr. Eng. Daniele Di Giovanni, titled *Gap Tool for Evaluation (G.A.T.E.) of CBRNe Drills, Table Top Exercices and Full Scale Exercices* was included into the panel session 13: Education, Training and Exercices. Many compliments to Dr. Eng. Di Giovanni for his interesting speech were received from the auditorium!

- Palombi, L., Bellecci, C., Mancinelli, S., Malizia, A., Carestia, M., Di Giovanni, D., Cenciarelli, O., Gilardi, F., D'Amico, F., Russo, C., Rothbacher, D., Gabbarini, V., & Gaudio, P. The importance of a high level academic approach to the CBRNe problem to improve the capabilities of prevention, management and evaluation of consequences. Carestia, M., Pizzoferrato, R., Cenciarelli, O., Malizia, A., Gelfusa, M., Peluso, E., Lungaroni, M., Murari, A., Di Giovanni, D., & Gaudio, P. A novel approach to set up a quasi real-time biological agents detection system.
- Di Giovanni, D., Cacciotti, I., Pergolini, A., Malizia, A., Carestia, M., Cenciarelli, O., Palombi, L., Bellecci, C., & Gaudio, P. GAP Tool for Evaluation (G.A.T.E) of CBRNe Drills, Table Top Exercises and Full Scale Exercices.
- Gaudio, P., Malizia, A., Gelfusa, M., Parracino, S., Di Giovanni, D., Carestia, M., Ventura, P., Peluso, E., Lungaroni, M., Poggi, L.A., Talebzadeh, S., Cenciarelli, O., Bellecci, C., & Richetta, M. The workd of research working on CBRNe problems: laser remote sensing system for CWA, TICs and TIMs detection and identification.

Click [here](#) the complete program of the event.

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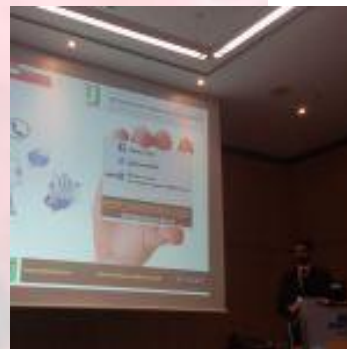
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### 10. 13. 2015 – NEW SCIENTIFIC PAPER PUBLISHED!!!!

It is a great pleasure announce that the paper: [\*Viral bioterrorism: Learning the lesson of Ebola virus in West Africa 2013–2015\*](#) has been published on the scientific journal: **Virus Research**,

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.

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[10.09.2015 - Cooperation Agreement now Signed - SO.G.I.N.](#)

Another great success for the International CBRNe Master Course



The Cooperation Agreement for Training Activities in the field of Nuclear Safety and Security and CBRNe has been signed between:

SO.G.I.N. (Società Gestione Impianti Nucleari)

and

the University of Rome Tor Vergata

If you want to see more reach us on



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