



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

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[06.10.2015 - Meeting on Emerging and Re-emerging diseases](#)

On Friday 3rd of July in Arpino (Frosinone) will take place the seminar: "NUOVI E VECCHI AGENTI BIOLOGICI ED IL RISCHIO CORRELATO AGLI INTERVENTI IN EMERGENZA ED ALLE ATTIVITA' DI PRIMO SOCCORSO"

The technical seminar to explain the major biological threats related to the immigration flux that is a nowadays problem has been organized by the International Master Courses in Protection against CBRNe events...

[06.09.2015 - CBRNe II level Master course - Graduation scrolls](#)

It was held today at the Swiss Hall in the complex of Villa Mondragone (Porzio Catone) the II level CBRNe Master course graduation scrolls ceremony. The Master, who comes from the synergy of multiple actors as Italian and International academic institutions coordinated by the Department of Industrial Engineering of the University of Rome Tor Vergata, as military (including the Ministry of Defense and NATO) and public (including the Presidency of the Council of Ministers and the Ministry of Defense) entities, and as many private institutions, it has seen this year more than 20 students from the civil and military life acquire the Diploma of Master's Degree....

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[06.08.2015 - Master CBRNe at 2nd Conference on Frontiers in Computational Physics: Energy Sciences.](#)

A poster contribution regarding experimental campaign results using "STARDUST" facility, "Image computing techniques to extrapolate data for dust tracking in case of an experimental accident simulation in a nuclear fusion plant", was presented by Luigi Antonio Poggi at the 2nd Frontiers in Computational Physics Science, Zurich, Switzerland, 3-5 June, 2015...

[06.04.2015 - WORKING HARD](#)

The International CBRNe Master Courses are glad to announce that a lot of important achievements have been reached :

- The participation at ISDEF 2015 at Tel Aviv. In these days a delegation of Master Courses has been invited to participate at the annual Mundial summit of Defence to present the scientific progress obtained from initiatives and ideas of former students of the Master during their courses.
- The participation at Conference Frontiers in Computational Physics: Energy Science. The CBRNe Master Courses are presenting an interesting work on computational tracking of radioactive dust at ETH - Zurich...

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[05.26.2015 - Dr. Roberta Bruzzone @ Master CBRNe](#)

On Monday 25 of May 2015 from 9.00 to 18.00, the "Investigation and criminology" Seminar will take place at the Industrial Engineering Department of the University of Rome Tor Vergata for the 1st Level and 2nd Level International Master courses in Protection against CBRNe events.

The seminar will be held by Roberta Bruzzone (www.robertabruzzo.com), one of the most important criminologists in Italy and expert in forensic science...

[05.19.2015 - Approved a new laws in Lazio: Signs Language](#)

Another amazing succes from one of the most talented students that have achieved the title during the fourth edition of the second level CBRNe Master Courses: Dr. Luca Rotondi.

We talk a lot about Luca in the past, he has been the first italian depth student to complete a NATO course in Czeck Republic.

He has also published a lot of paper and interview.

Today we are here to tell the new important success the has achieved. Luca has been part of the team that has trasformed an idea to a Regional Law that officially recognize the language of...

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[05.15.2015 - CBRNe Master Courses at Campus BIOMEDICO](#)

The cooperation between the University of Rome "Tor Vergata" and University Campus BIOMEDICO is very strong.

The CAMPUS BIO has started the first edition of a II Level Postgraduate course in "Radioprotection" and today the Directive board on CBRNe Master course has given an interesting lecture on the CBRNe...

[05.14.2015 - PhD Graduation of former students of CBRNe Master students](#)

The International CBRNe Master Courses are glad to announce that today two former students of the First and Second Edition of the Course (Dr. Alessandro Sassolini and Dr. Orlando Cenciarelli) has completed the PhD program.

- Dr. Alessandro Sassolini has discussed a final thesis entitled: "Sviluppo di nuove tecnologie per una chimica analitica verde" and has achieved the maximum evaluation "Exellent cum laude". Now Alessandro is PhD in Quantum Electronics and Plasma Physics.

- Dr. Orlando Cenciarelli has...

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[05.12.2015 - Master CBRNe students of DA online](#)

A poster contribution regarding experimental campaign results using "STARDUST" facility, "Image computing techniques to extrapolate data for dust tracking in case of an experimental accident simulation in a nuclear fusion plant", was presented by Luigi Antonio Poggi at the 2nd Frontiers in Computational Physics Science, Zurich, Switzerland, 3-5 June, 2015...

[05.11.2015 - Master CBRNe at the High Level Event on Nuclear Security](#)

The Master CBRNe have been invited and have participated the 7 and 8 of May in Bologna at the important event on CoE and Education and Training programmes about the Nuclear and Radiological events organized by ENEA (Italian National Agency for New Technologies, Energy and the Environment) and Italian Ministry of Foreign Affairs (both cooperating with CBRNe Master).

The event is:

The Nuclear Security Summit 2016 and Beyond: the Role of Training and Support Centres, and Centres of Excellence...

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[04.27.2015 - Workshop DAESH MATRIX.](#)

” Il linguaggio dei social media dello stato islamico”

MARTEDI 09 GIUGNO 2015

Presso l'Università degli Studi di Roma “Tor Vergata”, Aula Leonardo, Uffici di Presidenza (polo area didattica - Dip. Ingegneria Industriale) Via del Politecnico 1, 00133 ROMA orario: 09-13...

[04.22.2015 - Japan to Bolster Laws After Drone Lands on Abe' s Office Roof](#)

Drones: legislation and rules needed to prevent CBRNe risk!

“There is a risk that unmanned aircraft could be used for a terrorist attack at events such as the Olympics or the G-7 summit,” Chief Cabinet Secretary Yoshihide Suga told reporters in Tokyo.

“We have to quickly prepare legislation and rules” on the use of drones, the government' s top spokesman said....

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[04.21.2015 - 1st EPS Conference on Plasma Diagnostics](#)

The 1st EPS Conference on Plasma Diagnostics held in Frascati, at Villa Mondragone, on April 14-17, 2015 organized by ENEA and the University of Tor Vergata is concluded last week.

The scope of the EU Plasma Diagnostics Conference, which first edition will be held in Italy, is to favor cross fertilization among scientists from all areas of plasma diagnostics...

[04.18.2015 - CSCM - WORLD CONGRESS ON CBRNe SCIENCE & CONSEQUENCE MANAGEMENT](#)

The Directive Board member Daniele Di Giovanni participated as speakers at the conference in Zagabria, Croatia, 12-17 April 2015

22nd Annual "CSCM - WORLD CONGRESS ON CBRNe SCIENCE & CONSEQUENCE MANAGEMENT"

The presentation "Evaluation and Gap analysis Tool for Performance Benchmarking on CBRNe Table Top Exercise Emergency Response Management" took place in the session 3 - Consequence Management

In the photogallery you can see some pictures of the training activities at CSCM...

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[04.16.2015 - FINAL CONFERENCE: CBRN Integrated Response Italy](#)

“CBRN Integrated Response Italy” implements the EU CBRN Action Plan (2009) with regard to Italy (actions H 29, H31, H37, H40, H42 e H57). It aims at building and testing an integrated CBRN response capability of Italian first responders and law enforcement agencies when dealing with CBRN incidents that are the result of accidental, natural or intentional/malevolent actions - terrorism included. Although principally focused on Italy and its established response system, the Project's scope and reach are European. This means that the identified solutions to improve effective coordination and integration between both kinds of agencies can be potentially adopted by other EU Member States' relevant agencies when facing CBRN threats...

[04.15.2015 - Master CBRNe meets Thales Group](#)

Dear All,

Here an interesting interview to Dr. Vito Volpetti from Thales Group, Expert in CBRNe.



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[04.09.2015 - Cyber jihad: An interesting interview to Mario Avantini](#)

Master CBRNe wants to suggest an interesting interview to Mario Avantini, vice President of CISINT.



[04.03.2015 - FORUM ALITUR 14 April 2015](#)



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[04.01.2015 - Common Training Curriculum for First Responders and Law Enforcement Agencies](#)

We are glad to announce that the proposal, made by the University of Rome Tor Vergata, in partnership with Scuola Superiore Sant'Anna and Corpo Nazionale dei Vigili del Fuoco, for a Common Training Curriculum for First Responders and Law Enforcement Agencies to boost the cooperation between these two key actors involved in CBRN scenarios has finally been released.

The training curriculum is formulated in line with EU training programmes to respond to major events and crisis management, and to ease its implementation at the EU level.

The project - CBRN Integrated Response Italy, founded by the EU, is now moving to its conclusion, with a Final Conference that will take place on the 29th of April 2015 in Brussels...

If you want to see more reach us on



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