



NEWSLETTER

Master CBRNe

Admissions open Academic Year 2017-18

1st Level

Master Course

[CLICK HERE](#)

2nd Level

Master Course

[CLICK HERE](#)



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



MASTER CBRNe



Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery

Click & Read N° 39 - September 2017



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



MASTER CBRNe



Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery

Click & Read N° 39 - September 2017

[09.28.2017 - SICC 2017 news on BORDEAUXROT](#)

A news regarding our First Scientific Conference on CBRNe (SICC 2017) has been recently published in BORDEAUXROT.

BORDEAUXROT is the magazine of the German CBRN Defence Corps.

The Directive Board of the #MacterCBRN is proud about this news that reports also the important contributions and activity of HESAR association.

CLICK [HERE](#) to download the article

SCIENTIFIC INTERNATIONAL CBRNE CONFERENCE 2017



Die Panels orientierten sich an den Elementen der „ABC-Abwehr“ („Enabling Components of CBRN Defence“) und dem „Cabaret der Fähigkeitenentwicklung“. Ergänzt wurden die Sitzungen durch eine Industrieausstellung (ca. 100 Exponate als einen der Hauptposten der Veranstaltung) und einen Poster-Wettbewerb. Ca. 350 Teilnehmer, militärische und zivile, akademische und industrielle repräsentierten 39 Nationen und elf internationale Organisationen.

Oberst i.G. V. Quante, Stellvertretender Direktor der ICBRND COE in Vukov, leitete das Panel mit dem Thema „CBRNe comes of excellence - COE“. Oberleutnant D. Alent nahm als Vertreter des International Scientific Committee an der Konferenz teil.

Die QUANT der Vorträge reichte von exzellent bis nicht ganz so exzellent. Einige werden sich allerdings als recht nützlich für die Bearbeitung der NATO Verteidigungsplanungsaufgaben wie auch für die Weiterentwicklung der Grundlagen der ABC-Abwehr erweisen. Auf jeden Fall bot die Konferenz vielfältige Möglichkeiten der Netzwerkbildung.

Die Konferenz diente aber auch der Würdigung der zwanzigjährigen Mitarbeit der Chemical Weapons Convention (CWC) und der Gründung der Organisation for the Prohibition of Chemical Weapons (OPCW). Aus diesem Grund wurde eine Podiumsdiskussion durchgeführt. Redner waren u.a. S.E. Botschafter Ahmet Üzümcü, Generalsekretär der OPCW und S.E. Botschafter Sergey Batanov, führender Vorsitzender des CWC Negotiating Committee.

Einer der Höhepunkte der Konferenz war dabei zweifelhlos Botschafter Ahmet Üzümcü Vortrag. Er hob hervor, dass gegenwärtig 95 Prozent der belarussischen Militär chemischer Kapazitäten vertrieben worden seien. Zudem stellte er fest, dass sich der Fokus der OPCW weg von der Verhinderung der Wiedereinführung chemischer Kampfstoffe bewegen müsse.

HESAR hat bereits als erste Art Auswertung Videoclips und Fotos auf ihrer Internetseite (<https://www.sicc2017.com/>) veröffentlicht. IIR

Üzümcü Ahmet Üzümcü
© Oberleutnant Bernd Alent

Erstmals führte die Health Safety Environmental Research Association (HESAR) vom 22. bis 24. Mai 2017 in Rom eine wissenschaftlich orientierte CBRNe Konferenz durch. Dazu ist vorab anzumerken, dass das "r" in "CBRNe" für "explosive" (Explosive and Explosive Devices) steht, und dass die Abkürzung "CBRNe" keine in der NATO anerkannte Abkürzung ist. Doch das nur an der Rande.

HESAR arbeitet zusammen mit der Universität von Rom "Tor Vergata" in wesentlichen auf den Gebieten der Umweltschutz und der Arbeitssicherheit. Die Zusammenarbeit mit "Tor Vergata" findet ihren Ursprung in dem von der Universität angebotenen Masterstudiengang „ABC-Abwehr“. Vor diesem Hintergrund fand die SICC 2017 statt.

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



MASTER CBRNe



Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery

Click & Read N° 39 - September 2017

[09.24.2017 - CBRNe Master thesis discussion](#)

The last group of the students of our seventh edition of the second level #MasterCBRN has successfully discussed the thesis on Friday 22 of September. From the Firebrigades we had **Roberto Perna** and **Roberto Melmenuzzi** that presented a thesis on the use of drones for radioactive detection together with measurements that they have done on the field and **Edoardo Cavalieri d'Oro** that presented an interesting project on the use of drones to detect biological agents. Then **Samuele Giovanardi**, our civil student, that has completed the 6 months of stage activities at the OPCW presenting a thesis about the new proposal of PhD program realized by our University of Rome Tor Vergata with the OPCW. Last but not least from the Italian Army we had **Marco Magazzeni** that has realized an interesting work on the safety risks connected to the explosion risks in the civil industry.

Greetings from all the Directive Board for the successfully achievement.



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



MASTER CBRNe



Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery

Click & Read N° 39 - September 2017

09.21.2017 - Successful kick-off meeting of the eNOTICE project “European Network Of CBRN Training Centers”

#eNOTICE is a project selected by the #European Commission as part of the call for proposals under the Secure societies program for Coordination support action (CSA), addressing the topic “Pan European Networks of practitioners and other actors in the field of security”

The project aims to build a dynamic, functional and sustainable pan European network of CBRN training centers, testing and demonstration sites (CBRN TC) strengthening capacity building in training and users-driven-innovation and research, based on well-identified needs.

The project, led by Universite Catholique de Louvain will last 60 months at a total cost of nearly €3.5 million.



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



MASTER CBRNe



Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery

Click & Read N° 39 - September 2017

09.20.2017 - I Forum Nazionale delle Misure

Dr. Andrea Malizia, Didactic Coordinator of the #MasterCBRN, has presented a work to the 1st National Forum for the Measure held in Modena from the 13 to the 15 of September 2017 (<https://www.gmee.org/congressomisure2017/index.asp>).

He had the chance to introduce the concept of the importance of the measure in the field of conventional and non-conventional safety and security.

Together with Prof. Carlo Bellecci (President of the Scientific Committee) also present at the conference, he had the opportunity to meet all the Italian community of measures to start new and interesting cooperation.



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



MASTER CBRNe



Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery

Click & Read N° 39 - September 2017

[09.19.2017 - Ceremony at 7mo Reggimento NBC Cremona](#)

The Directive Board of the International CBRNe Master Courses is proud to announce that on Friday, September 15, 2017, former student of the 2nd level International CBRNe Master Course, Lt. Col. Andrea Gloria became the new battalion commander of the 1st Battalion NBC "Adria" of the 7th Defense Regiment NBC "Cremona". The ceremony, held at the military facility "Piave" in Civitavecchia, was attended by representatives of the Directive Board of the CBRNe Master Courses, who wish to congratulate Lt. Col. Andrea Gloria for his excellent achievement and a successful future at the command of the Battalion.



We want also say that we are proud that the REgiment Commander of the 7th Defense Regiment NBC "Cremona" is another former student of the Master, Col. Fabrizio Benigni. #MasterCBRN are proud to work with you!

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



MASTER CBRNe



Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery

Click & Read N° 39 - September 2017

09.12.2017 - OPCW - Workshop

Four days dedicated to Policy and Diplomacy for Scientists!

Dr. Mariachiara Carestia, research fellow of University of Rome Tor Vergata and member of the Directive Board of our #MasterCBRN is attending this very interesting and innovative workshop organized by #OPCW, #TWAS (the world academy of science) and #IAP (The Interacademy partnership) in the prestigious venue of #ICPT in Trieste from 12 to 15 September 2017.

The workshop seeks to bridge the gap between scientists and policymakers and to promote the adoption of responsible and sustainable practices by scientists worldwide.



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



MASTER CBRNe



Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery

Click & Read N° 39 - September 2017

[09.05.2017 - Master CBRNe memories: A.Y. 2013/2014 - PART 1](#)

#Master CBRN memories about the Live Agent Training (LAT) Activity.

- Sampling and analysis, both in the laboratory (indoor) and at the Charlie Area (outdoor) with real samples of Mustard (HD), Sarin (GB) and VX.
- Lectures on CWAs, detection and protective equipment;
- Sampling and analysis, both outdoor and in the laboratory, of chemical warfare agents using simulants

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

See the album of our FACEBOOK page and subscribe: [LINK](#)

Subscribe also our LINKEDIN page and STAY TUNED: [LINK](#)



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



MASTER CBRNe



Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery

Click & Read N° 39 - September 2017

[09.04.2017 – Newsletter 37-38](#)

Today the **Click and Read (37-38)** with important news about the next editions of the International Master courses in Protection against CBRNe events that you can reach with a click on the pop-up that you will find on the C&R cover.

You can read the previous C&R click [HERE](#)

We want also to share with you all the news and information about research, didactic, training, workshops, conferences, national and international projects related to CBRNe so we have created two pages on the most popular social networks ([read more...](#))

[09.01.2017 – New Scientific Paper Published](#)

The #MasterCBRN are glad to announce that the paper:

Imaging to study dust re-suspension phenomena in case of loss of vacuum accidents inside the pharmaceutical industries by: A.Malizia, R. Rossi, LA. Possi, JF. Ciparisse and P. Gaudio

has been published in Global Internet of Things Summit (GIOTS) proceedings by IEEE, doi: 10.1109/GIOTS.2017.8016225

You can find all the papers about CBRNe: [HERE](#)

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



MASTER CBRNe



Chemical, Biological, Radiological, Nuclear and explosive
Department of Industrial Engineering and School of Medicine and Surgery



If you want to see more reach us on

facebook

[Master Cbrne Tor Vergata](#)

[Master courses in Protection
against CBRNe Events](#)

Linked in



[Master CBRN](#)

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