

NEWSLETTER

Master CBRNe

Admissions open Academic Year 2017-18

1st Level

Master Course

[CLICK HERE](#)

2nd Level

Master Course

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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

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06.26.2017 - SICC2017 - Interviews: Perez Diaz

Prof. José Luis Pérez-Díaz

Escuela Politécnica Superior, Universidad de Alcalá

"Ten institutions all over Europe are involved in this project, developing a new system for the decontamination of large buildings, open air facilities, and critical infrastructures that are difficult to decontaminate with the devices that are currently available."

"Dieci enti in tutta Europa sono coinvolti in questo progetto: lo sviluppo di un nuovo sistema per la decontaminazione di grandi edifici, impianti e infrastrutture critiche che sono difficilmente decontaminabili con le tecnologie attualmente disponibili."

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[06.24.2017 - SICC2017 - Interviews: Myjer](#)

Prof. Eric Myjer

"What international legal regime is logical to fit in the CBRNE field?"



Professor of Conflict and Security Law, School of Law, Utrecht University, the Netherlands; Director Centre for Conflict and Security Law.

-member of the Committee on the Use of Force of the International Law Association (ILA);

-external researcher at the University of Amsterdam;

-Judge (locum) The Hague Court of Appeal.

-Previously: advisor to the Netherlands Delegation to the OPCW; vice-chair and a member of the Confidentiality Commission of the OPCW; Associate Professor of public international law (University of Amsterdam); diplomat with the Netherlands Ministry of Foreign Affairs; practicing lawyer with an Amsterdam international law firm; attached to the Netherlands Council on Legal Cooperation with Indonesia (Leiden University); research fellow at the Department of War Studies of Kings College (London), and at the Polemological Institute of Groningen University.

[INTERVIEW](#)

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[06.23.2017 - New Research Article Published](#)

It is a great pleasure to announce that the book chapter:

[Plasma-material Interactions Problems and Dust Creation and Re-suspension in Case of Accidents in Nuclear Fusion Plants: A New Challenge for Reactors like ITER and DEMO](#)

has been published on the book "[Advanced Surface Engineering Materials](#)" edited by Wiley.

The paper has been realized by: Malizia, A., Poggi, L.A., Ciparisse, J.F. et al
The title is index on SCOPUS

[Click here to see the CBRNe publications list](#)

[06.22.2017 - AF3 Project](#)

[AF3 Project Description](#)

In recent years, the frequency of large-scale forest fires has increased significantly owing to a number of factors including the effects of climate change, urbanisation, poor landscape management and malevolent acts. These so-called "Mega-fires" are particularly destructive and difficult to control with the technologies and systems currently available to fire fighters and emergency agencies... ([read more](#))

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[06.21.2017 - SICC2017 - Interviews: FERRARI](#)

Arch. Giovanni Ferrari

Central Directorate for Civil Defense and Civil Protection Policies, Italian Ministry of Interior

"We have several emergency plans, there are so many. The real problem is not to exert plans, but to use the plan to exercise the command line. It would be necessary to move the attention not so much on the ability to detect, decontaminate, understand the mechanisms and software, but on how to manage the territory following a CBRNE event."

"I piani di emergenza ci sono, ce ne sono tanti. Il vero problema non è esercitare i piani, ma usare il piano per esercitare la linea di comando. Sarebbe necessario spostare l'attenzione non tanto sulle capacità di rilevare, decontaminare, capire i meccanismi, i software, ma su come gestire il territorio in seguito ad un evento CBRNE."

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06.20.2017 - SICC2017 – Interviews



- **Prof. Francesco D'Errico** (Università di Pisa. INFN Pisa. Yale University)
- **Lt. Col. Raffaele Zagarella** (Italian Army. Head – RPAs Unit, CISAM)
- **Giuseppe Felici** (Chief Scientist – Sordina IORT Technologies SpA)

Università, Enti Militari, Industria, insieme per affrontare potenziali minacce.

"La tecnica che abbiamo sviluppato serve alla rivelazione di materiali nucleari speciali all'interno di cargo (o altri contenitori): un possibile modo di affrontare la minaccia del traffico di materiale che può servire per fabbricare ordigni nucleari, armi di distruzione di massa."

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[06.19.2017- Cepol Course 05/2017 Hotspot - regional focus on migration](#)

The Cepol Course 05/2017 Hotspot - regional focus on migration, organized by the University of Rome Tor Vergata started today!

The aim of the course is to provide a sound and specialized knowledge to experts and team leaders in order to strengthen the coordination of the intervention on the ground and the operational support provided under the Hotspot approach.

22 participants from 16 EU Member states joined the course in Rome. They are law enforcement officials, coast guard officials, experts and team leaders deployed at Hotspots in countries facing unprecedented migration pressure... ([read more](#))



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[06.19.2017 - E' possibile la pace al tempo del terrorismo?](#)

**"E' POSSIBILE LA PACE
AL TEMPO DEL TERRORISMO"?**

presentazione del libro



FRANCESCO PASETTO
**PACIFISMO PROFETICO
E
PACIFISMO POLITICO**

GIOVEDÌ 22 GIUGNO ore 21 Parrocchia di S. Frumenzio ai Prati Fiscali via Caviglia, 8 (Salone Mamre) Roma, Nuovo Salaria <i>l'autore ne parla con</i> Giovanni Acquarulo Giornalista Giornale Radio Rai	VENERDÌ 23 GIUGNO ore 21 Chiesa di San Francesco a Ripa Piazza San Francesco, 88 Roma, Trastevere <i>l'autore ne parla con</i> Giulio Cesareo Pontificia Facoltà San Bonaventura, Roma
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Modera: Francesco Unali

 **INGRESSO LIBERO** 

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06.18.2017 - SICC2017 INTERVIEWS - Polidoro

Com. Fabio Polidoro

Commander – Italian Navy. Stato Maggiore della Marina, Dottrina Logistica e CBRN

"The Italian Navy is engaged daily with about 5 ships for an average of about 900 crewmembers, and we receive on average about 500 or 1000 migrants per day, with all the problems that this enormous flow causes in terms of potential biological threats." "If we consider that about 90% of goods move by sea, it is very easy for a terrorist to try to transfer or smuggle weapons of mass destruction or their precursors using this way. Therefore, the next challenge that the Navy intends to pursue is to increase CBRNe's boarding activities in search of weapons of mass destruction."

"La Marina è impegnata quotidianamente con circa 5 navi per una media di circa 900 persone di equipaggio, e riceviamo in media circa 500 o 1000 migranti al giorno, con tutte le problematiche legate ad un eventuale rischio di minaccia biologica." "Se immaginiamo che circa il 90% delle merci si muove via mare, è molto facile per un terrorista cercare di trasferire o di contrabbandare armi di distruzione di massa o loro precursori utilizzando questa via. La Marina ha intenzione di incrementare l'attività di "boarding" in ambiente CBRNe proprio alla ricerca di armi di distruzione di massa."

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06.17.2017 - SICC2017 INTERVIEWS - LICOC CIA

Prof. Silvia Licoccia

Pro-rector for Research – University of Rome Tor Vergata



"This event is an important moment not only for the international community engaged in chemical and bacteriological wars prevention but also for our university, where the subject is covered from a didactic point of view in the CBRNE Master Courses, but also is covered from a research perspective that is very active both in terms of prevention and detection of these horrible weapons."

"Questo evento rappresenta un momento importante non solo per la comunità internazionale che si occupa di prevenzione di guerre chimiche e batteriologiche ma anche per la nostra università, in cui l'argomento è affrontato dal punto di vista didattico nel Master CBRNE, ma anche dal punto di vista della ricerca che è anche molto attiva sia in termini di prevenzione che detenzione di queste armi orribili."

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06.16.2017 - SICC2017 INTERVIEWS - Marsella

Ing. Stefano Marsella

Director – Istituto Superiore Antincendi (ISA)



"Il Corpo Nazionale dei Vigili del Fuoco è un'eccellenza a livello internazionale che non si occupa solo del soccorso tecnico urgente ma ha anche un'importante tradizione nel settore della difesa CBRNE. E ha nuclei a livello territoriale in grado di portare il primo soccorso per le minacce di questo tipo, per attentati, per attività in cui è presunto l'uso di sostanze non convenzionali."

"The Italian National Fire Corps are an international excellence that is not only in charge of rescue, technical assistance during emergency, but also has a tradition in the CBRNE defense sector. Firefighters have units at the territorial level which are able to bring first aid for such threats, for attacks, for activities where the use of non-conventional substances is supposed."

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06.15.2017 - SICC2017 INTERVIEWS - Palombi

Prof. Leonardo Palombi

Director – Department of Biomedicine and Prevention, University of Rome Tor Vergata
Director – International Master Courses in Protection against CBRNe Events.



Pill:

"La quota di eventi terroristici associati ai migranti è estremamente bassa. Una cura e una grande prevenzione è l'integrazione. Ci troviamo di fronte ad una scelta: costruire muri, o integrare. Siamo passati in 50 anni da un movimento migratorio annuale di 60 milioni a ben 250, che evidentemente non può essere controllato con i muri"

"La prossima rivoluzione scientifica sarà legata alla convergenza delle scienze della vita con l'ingegneria e le scienze fisiche. Costruire insieme una nuova visione unificata estremamente potente che possa rispondere ai problemi del nostro tempo. Insomma, l'integrazione è un valore per tutti."

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[06.14.2017 - SICC2017 INTERVIEWS - TRAPP](#)

Ralf Trapp

International Disarmament Consultant

"A single legal framework or a patchwork of different instruments? What is important is how we enforce the law at an international level, bringing actors together that don't normally talk to each other but should talk to each other if they want to do something in the area of prevention, preparedness, and resilience."

[INTERVIEW](#)

[06.13.2017 - SICC2017 INTERVIEWS - Pecoraro Scanio](#)

Starting from today we will publish the interviews of the SICC2017 contributors.

STAY TUNED!!!!

Today we will start with ALFONSO PECORARO SCANIO, President of "Fondazione Univerde" and former Minister of Italian Republic.

Here some pills of the interview... ([read more](#))

[INTERVIEW](#)

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06.12.2017 - OPCW internship for a student of the 2nd level

Master course

We are glad to announce that **Samuele Giovanardi**, a young and talented student of the second level Master Course in Protection against CBRNe events, has started his internship at the Organisation for the Prohibition of Chemical Weapons (OPCW) as Assistance and Protection intern at Organisation for the Prohibition of Chemical Weapons (OPCW).

The Master courses every year provide to give unique chance to the students to make important working experiences. We want to wish Samuele all the best for this experience.

06.09.2017 - Scott Spence speaks at 1st International Scientific Conference on CBRNe

Scott Spence, Programme Director for National Implementation, spoke at the 1st International Scientific Conference on CBRNe, which took place in Rome, Italy during 22-24 May. The Conference had 360 participants from 45 countries. There were also 190 oral and written contributions many of which will be compiled into a Springer Conference Proceedings Book: *Enhancing CBRNe Safety & Security: Proceedings of the SICC 2017 Conference - Science as the First Countermeasure for CBRNe and Cyber Threats*.

Ambassador Bonnie Jenkins, the former Coordinator for Threat Reduction Programs in the US Department of State... ([read more](#))

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06.08.2017 - Workshop on "IoT in Medical Sciences and Healthcare"

It is our pleasure to participate in the enormous conference of IoT Week 2017 at Geneva, Switzerland, during June 6-9, 2017. In the workshop "IoT in Medical Sciences and Healthcare" on 7th June, **Dr. Jean-François Ciparisse**, staff member of our Master courses, was a speaker. He spoke on "Application of optical techniques to detect and identify chemical agents dangerous for human health", which created a significant stir in the audience, which lead to several interesting questions and interactions after the workshop.

The workshop was moderated by **Prof. Parag Chatterjee**, Professor-Researcher from the National Technological University (Universidad Tecnológica Nacional) in Buenos Aires, Argentina. Also he collaborated closely with the University of Rome Tor Vergata for the last couple of weeks, following the SICC-2017 conference, where he was a Chair.



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[06.07.2017 - GIOT2017 conference in Geneve](#)

We are glad to announce that our expert in numerical simulation, Dr. Jean Francois Ciparisse, yesterday has presented the work:

Imaging to Study Dust Re-suspension Phenomena in case of Loss of Vacuum Accidents inside the pharmaceutical industries during the session "IoT Experimental Results and Deployment Scenarios " at the GIOT 2017 Global Summit in GENEVE.

It has been possible thanks to the collaboration with Parag Chatterjee, Adj. Professor at Tech. University of Buenos Aires. Today Dr. Ciparisse will present the second work in Prof. Chatterjee session.

Enjoy the pics on the social networks.



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[06.05.2017 - SICC2017: Paper Submission and photo albums](#)

Dear Scientific Committee members, Dear Chairpersons, Dear Contributors, Dear Participants, Dear Colleagues and Dear Friends,

These days after the conference have been dense and full of work. We have taken few days to prepare everything to start with the paper submission for the conference proceedings and to publish all the photo albums of the conference (linked on the conference website homepage).

First of all, let me thank you all for the outstanding presentations and posters and work that you have done for the conference.

I want to start with Amb. Bonnie Jenkins, she has been perfect in moderate the plenary sessions and in her coordination duties. We are happy and honoured of our collaboration, Bonnie... ([read more](#))

We are proud to work with you all. I wish you and your families all the best.

Warmest Regards

PAPER SUBMISSION RULES

Click here to see the photo albums:

<https://www.flickr.com/photos/151296057@N03/albums>

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