



# 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](mailto:info@mastercbrn.it)*



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**SICC2017 is coming! Save the date!**



Second Announcement

## 1<sup>ST</sup> SCIENTIFIC INTERNATIONAL CONFERENCE ON CBRNE

**22-24 MAY 2017  
ROME, ITALY**



**ORGANIZED BY**



**MASTER CBRNe**  
Chemical, Biological, Radiological, Nuclear and explosive  
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**HESAR**

**SCIENTIFIC PAPERS  
PUBLICATION**

All contributions to SICC 2017 will be submitted for publication, as full papers, in internationally recognised peer-reviewed journals indexed in the main indexing & abstracting services (such as *Scopus*). Please visit [this page](#) for more information. CBRNE should become a scientific academic discipline.

**MEET** worldwide Public, Military, Private, Research and Academic CBRNE experts



**LEARN** different approaches to the CBRNE safety & security cultures



**PUBLISH** scientific papers in internationally recognised and indexed peer-reviewed journals



**VISIT** one of the most beautiful cities worldwide



**OUR VISION**  
Spreading education beyond its boundaries: turn CBRNE into a comprehensive academic discipline

**OUR GOAL**  
Create a synergic global community of CBRNE experts

**SCIENCE & CBRNE**  
Enhancing CBRNE Safety & Security multi-disciplinary scientific research

**SICC 2017 TOPICS**

- Emergency System and Solutions
- Emergency Communication and Psychology
- Medical Management and First Aid
- Decision Support Systems (DSS)
- International Legal Framework
- Economical Aspects of CBRNE Events
- Detection and Identification
- Modeling & Simulation
- Diffusion and Dispersion
- CBRNE Forensic
- Protection and Decontamination
- Cyber-Security
- Education and Training
- CBRNE-related Geopolitical Issues
- CBRNE Centers of Excellence (COE)



**VENUE**  
Istituto Superiore Antincendi  
(National Fire Academy)  
Via del Commercio 13  
00154 Rome, Italy

**CONTACTS**  
WEBSITE: [www.sicc2017.com](http://www.sicc2017.com)  
EMAIL: [sicc2017@sicc2017.com](mailto:sicc2017@sicc2017.com)  
PHONE: +39 0672597201

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## COOPERATION AGREEMENT BETWEEN HESAR AND THE UNIVERSITY OF ROME TOR VERGATA

In recognition of their shared interest in establishing and developing a cooperative relationship between the university and the association, Daniele Di Giovanni, President, on behalf of the HESAR association, and Dr. Pasqualino Gaudio, "International Master Courses in Protection against CBRNE Events" Coordinator at the University of Rome Tor Vergata, on behalf of this institutions, have agreed to enter into cooperation on the 16th December 2016. The agreement falls within the framework of cultural and scientific cooperation established between the two entities, including the collaboration to organize the 1st scientific international conference on CBRNE, SICC 2017. The Directive Board and the Scientific Committee of the Master Courses promoted the initiative of SICC 2017 and assigned its organizational management to HESAR.



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## ABOUT US

During the last decade, our experience was internationally recognised. In fact, the International Master Courses in Protection against CBRNE Events asserted themselves in a strong way obtaining the status of "NATO Selected" directly from the HQ in Norfolk (Virginia, USA). They are included in the NATO Education and Training Opportunities Catalogue (ETOC). Also, through the Master Courses it has been possible to promote and formalize the accreditation of the University of Rome Tor Vergata as CEPOL (European Union Agency for Law Enforcement Training) Framework Partner. The Master Courses entered into cooperation agreement with the following international entities:

- Organization for the Prohibition of Chemical Weapons (OPCW);
- NATO Joint Centre Of Excellence (Czech Republic);
- NATO SCHOOL of Oberammergau (Germany);
- HotZone Solutions Group (Netherlands);
- VVU-026 Sternberk (Czech Republic);
- Seibersdorf Laboratories GmbH (Austria);
- Chernobyl Centre (Ukraine);
- Vinča Institute of Nuclear Sciences (Serbia);
- International CBRNE Institute ICI (Belgium).

And with the following Italian institutions:

- Presidency of the Council of Ministers;
- Ministry of Defense;
- Ministry of Interior;
- National Health Institute (ISS);
- National Institute for Geophysics and Vulcanology (INGV);
- Natl. Agency for New Technol. Energy and Sustain. Econ. Dev. (ENEA);
- University Consortia CRATI, MARIS and SCIRE;
- SOGIN S.p.A.

## OUR VISION

SICC 2017 primary objective is to promote the dissemination of the culture on the prevention and mitigation of CBRNE events internationally. In the common struggle for safety & security, SICC 2017 is devoted to explore the state-of-the-art and the future needs of the different methodologies, techniques, theories, instruments, strategies, procedures, technologies and best practices on the prevention and mitigation of CBRNE risks, particularly in the spirit of collaboration and integration among Countries.

Until recent times, the world of CBRNE has been the domain of military experts, specialized operators, and industry. However, today it is undeniable that CBRNE is a concern for the society as a whole. Therefore, it is a precise mandate of the University to spread education and knowledge on CBRNE. The experience we have gained so far has led us to an ambitious vision: the CBRNE should become a scientific academic discipline. This new way of approaching the matter will have significant consequences: on the one hand the possibility to train young minds enabling them to deal with problems related to the safety & security identifying new solutions, and on the other hand to spread and increase the information and awareness of the risks and therefore to increase preparedness and resiliency.

SICC 2017 represents a small but important step towards these ambitious goals.



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**SICC 2017 SCIENTIFIC COMMITTEES**

INTERNATIONAL SCIENTIFIC COMMITTEE	NATIONAL SCIENTIFIC COMMITTEE
<div style="display: flex; justify-content: space-between; align-items: center;">  <div> <b>PRESIDENT</b>  <b>Ambassador Bonnie D. Jenkins</b>            U.S. Department of State - Bureau of International Security and Nonproliferation         </div> </div> <div style="margin-top: 10px;"> <b>MEMBERS</b>  <b>Lieut. Col. Bernd Allert</b>            Joint CBRN Defence Centre of Excellence (JCBRND-COE), Vyskov  <b>H. E. Fahad Alruwaily</b>            Natl. Authority for the Implementation of Chem. and Biol. Weapons Convention  <b>Gen. Faisal Al-Shoubaki</b>            Jordanian Army - Director of Strategic Planning  <b>Prof. Paul Arbon</b>            Director of the Torrens Resilience Institute, Flinders University, Adelaide  <b>Alan Grimmer</b>            INTERPOL - Coordinator of the CBRNE Sub-Directorate  <b>Dr. Amer Hosin</b>            Emergency and Public Safety Department, Abu Dhabi Police GHQ  <b>Dr. Martin Krottmayer</b>            International Federation of Red Cross  <b>Prof. Maurizio Martellini</b>            University of Insubria - Associate Professor of Physics  <b>Amb. Krzysztof Paturej</b>            International Centre for Chemical Safety and Security (ICCSS)  <b>On. Gen. Domenico Rossi</b>            Undersecretary of State at the Italian Ministry of Defence  <b>Dr. Dieter Rothbacher</b>            President of the International CBRNE Institute - ICI  <b>Prof. Enrico Sciubba</b>            University of Rome La Sapienza - Full Professor of Turbomach. &amp; Energy Systems  <b>Dr. Michael Thornton</b>            Team Leader of the European Commission Joint Research Centre (Ispra)              ...in progress         </div>	<div style="display: flex; justify-content: space-between; align-items: center;">  <div> <b>PRESIDENT</b>  <b>Vice President Linda Lanzillotta</b>            Vice President of the Italian Senate (Vicepresidente del Senato della Repubblica)         </div> </div> <div style="margin-top: 10px;"> <b>MEMBERS</b>  <b>Prof. Carlo Bellecci</b>            University of Rome Tor Vergata - Full Professor in Experimental Physics (Rtd.), President of the Scientific Committee of the International Master Courses in Protection against CBRNE Events  <b>Ing. Luciano Cadoni</b>            Italian National Fire Corps - Provincial Commander of Cagliari  <b>Dr. Massimo Chiappini</b>            INGV (National Institute for Geophysics and Vulcanology)  <b>Dr. Roberta Fantoni</b>            ENEA - Development of Applications of Radiations  <b>Prof. Marco Gambini</b>            University of Rome Tor Vergata - Director of the Industrial Engineering Dept.  <b>Dr. Pasqualino Gaudio</b>            University of Rome Tor Vergata - Senior Researcher in Experimental Physics, Coordinator of the International Master Courses in Protection against CBRNE Events  <b>Col. Stefano Gribono</b>            Italian Army - Commander of the 7<sup>th</sup> Regiment NBC Defence "Cremona"  <b>Maj. Andrea Gloria</b>            Italian Ministry of Defence - NATO School of Oberammergau (Germany)  <b>Ten. Gen. Antonio Gucciardino</b>            Former Director of Terrestrial Armaments - Italian Army  <b>Prof. Roberto Montanari</b>            Univers. Rome Tor Vergata - Industr. Engineering Dept. PhD Program Coordinator  <b>Ing. Emilio Occhiuzzi</b>            National Fire Corps (CIVVF) - Director of General Directorate for Training  <b>Prof. Giovanni Rezza</b>            National Institute of Health (ISS) - Director of the Department of Infectious, Parasitic and Immune-Mediated Diseases  <b>Viceprefetto Vincenzo Rossi</b>            Vice-Director of the Interior Ministry School of Administration  <b>Col. Franco Salerno</b>            Italian Ministry of Defence - Interforces School for NBC Defense  <b>Dr. Sandro Sandri</b>            ENEA - Director of the Laboratory IRP-FUAC  <b>Dott. Vincenzo Trombadore</b>            Italian Ministry of Interior - State Police  <b>Cons. Amb. Enrico Valvo</b>            Italian Ministry of Foreign Affairs and International Cooperation - Directorate General for Political Affairs and Security              ...in progress         </div>

www.sicc2017.com
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## SUBMIT YOUR CONTRIBUTION

Contributions accepted for SICC 2017 are:

**ORAL** - The contributors are requested to give a 15 minutes presentation.  
**POSTERS** - (poster size A0, 841x1189 mm, 33.1x46.8 in) The contributors are kindly asked to be available for informal discussions near their posters during the Poster Sessions.  
The only language accepted both for poster and oral contributions is **English** (including supporting material such as power point or PDF presentations).

All contributions will be considered for publication, as full papers, in internationally recognised peer-reviewed and indexed journals. Full paper submission will be due after the conference. Please note that, to be eligible for publication, all the selected oral and poster contributions should be actually presented during the conference.

## ABSTRACT SUBMISSION

Abstract submission is open! Please use the **abstract submission online form** available at <http://www.sicc2017.com/submit-a-contribution>. The deadline for the abstract submission is 1 March 2017. Authors are invited to submit abstracts on any of the SICC 2017 topics.

## ONLINE REGISTRATION

The **online registration form** is provided by HESAR. Please visit: <http://www.hesar.it/eng/events/registration-sicc-2017>.

Please read all the **Information** regarding Changes & Cancellation Policy, Passport and VISA requirements, Badges, Publicity Policy, Liability, and Insurance here: <http://www.sicc2017.com/registration>

## REGISTRATION FEES

Please check the details about the different registration categories at: <http://www.sicc2017.com/registration>

Fees in EUR (€)	Early Registration (before the 1 March 2017)	Late Registration (from the 1 March 2017)
Regular Registration (with Paper Submission)	495	620
Student (with Paper Submission)	200	350
Governmental Employees (without Paper Submission)	350	480
Attendance only (without Paper Submission)	380	500
One-day Attendance only (without Paper Submission)	300	440
Accompanying Person	150	200
Lunch Ticket (1 day)	40	50
Lunch Ticket (3 days)	110	120
Gala Dinner	80	90
Training Demonstration Activities	60	70
Poster Printing Service	45	45
Private Companies, please visit: <a href="http://www.sicc2017.com/industrial-exhibition/">http://www.sicc2017.com/industrial-exhibition/</a> <a href="http://www.sicc2017.com/sponsorships/">http://www.sicc2017.com/sponsorships/</a>	Industrial Exhibition, Sponsorships	Industrial Exhibition, Sponsorships

## IMPORTANT DATES

**First Announcement**  
31 May 2016

**Abstract Submission OPEN**  
28 November 2016

**Second Announcement**  
23 December 2016

**Abstract Submission DEADLINE**  
1 March 2017

**Notification to Authors**  
30 March 2017

**Early Registration DEADLINE**  
1 March 2017

## INDUSTRIAL EXHIBITION & SPONSORSHIPS

Please Visit:  
<http://www.sicc2017.com/industrial-exhibition/>  
<http://www.sicc2017.com/sponsorships/>

- Meet worldwide Public, Military, Private, Research, and Academic CBRNe experts
- Put your Business and your Products in the spotlight
- Get in front of your Target Market
- Improve your network: new Clients, new Customers, new Business

## STUDENT POSTER PRIZE CONTEST

The LOC of SICC 2017 invite **students** participating in the conference to take part in the Student Poster Prize Contest. The LOC will select **three best posters**. The presenting authors will be awarded 100 EUR each. In order to take part to the contest, students are required to send the pdf version of their poster to [sicc2017@sicc2017.com](mailto:sicc2017@sicc2017.com) (maximum 10 MB) by the 12th May 2017.

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**COUNTRIES INVOLVED** ...in progress



[www.sicc2017.com](http://www.sicc2017.com)

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## Click & Read N° 31-32 - Dec. 2016/Jan. 2017

### 01.27.2017 - Claudia Marchionni @Master CBRNe Master Courses

Master CBRNe are pleased and honoured to have on the [Didactic Board](#) of the International Master Courses in Protection against CBRNe events [Dr. Claudia Marchionni](#). Dr. Claudia Marchionni is a professional journalist, reporter and editor for Italian Television. She has been editor in chief for [TG5](#) and actually she his editor in chief for [Matrix](#).

She worked also for [Il resto del Carlino](#), [La Voce](#), [Mixer](#), [Corriere del Mezzogiorno](#). She works also with [Marie Claire](#) e [D - la Repubblica delle Donne](#).

Today Dr. Claudia Marchionni had an interesting lecture on communication and how to communicate during the emergency. To see more pictures visit our Facebook official page. The classes have been both involved in the lecture of Dr. Marchionni and have actively participated to the lecture. [Click here](#) to see the interview to Claudia Marchionni.



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### 01.26.2017 - I Level Master CBRNe @ RASET

RASET the most important company that organize training courses on investigation has hosted today the students of the I Level Master class.

Finger-prints analysis, investigation technologies and techniques and even more has been learned by the experts of RASET to our first Level Master Courses students.

You can find some images of the gallery and all the album on our Facebook page, the images can tell more than the words.

Thanks RASET.



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### 01.26.2017 - Communication and psychology

Master CBRNe communication and investigation modules are going on for the first and second level. The two classes have been together Dr. Pylitsi expert of Mass Communication, Lieut. Col. Domenico Cipollone (expert of psychology coming from Ministry of Defence, Italian Army) and Dr. Federico Sesler, President of CISINT that is cooperating with our Master courses since 2013 and Ing. Marco Carbonelli from Italian Prime Minister Office.

The students have really appreciated the skills of the lecturers and the class room activities proposed. Theory, practical activities and training. The three main pillars of our CBRNe Master Courses.

To see more pictures visit our Facebook official page.



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### 01.25.2017 - Roberta Bruzzone & Master CBRNe

Dr. Roberta Bruzzone is part of the didactic board since 2013, yesterday she has done an interesting lecture about the most important crimes in Italy in the last years, she has been part of the investigation phases for all the case studies presented.

Dr. Bruzzone showed to the class also the most important techniques to be applied on the scene of a crime. CBRNe scene event has to be faced as a crime scene and the principal investigation techniques has to be used in CBRNe events.

CBRNe Master Courses want to thank Dr. Bruzzone for her important support in our activities.

Enjoy more pictures on our social networks.



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### 01.25.2017 - AGC Communication and Master CBRNe

The CBRNe Master Courses have hosted this morning two experts of communication from [AGC Communication](#).

The students had the pleasure to actively participate at a very interesting lecture about the DAESH communication techniques.

The collaboration with AGC Communication started in 2013, together with the CISINT one, and is going on over the years.

You can see more pictures on Facebook or LinkedIn.



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### 01.25.2017 - II Level Master Course and Italian Navy

This afternoon the II Level Master Class is together the Italian Navy, under the scientific umbrella of Commander Polidoro that is one of the most valuable expert in CBRNe.

CBRNe attacks are one of the most effective risks for Italian Navy Soldiers and Officers and we can say, proudly, that Italian Navy is equipped with the last generation technologies and PPE actually of the market.

Commander Polidoro is running an interesting lecture about the CBRNe facing structure of Italian Navy and we thanks him and his colleagues for the valuable cooperation.



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## Click & Read N° 31-32 - Dec. 2016/Jan. 2017

### 01.24.2017 - Master CBRNe: Module Communication and Investigation

The modules of January are started, the main topics will be communication and investigation. These are two crucial aspects in case of a CBRNe events, CBRNe scene is a crime scene and the problem has to be faced with the most important techniques developed by the investigation experts during the year. CBRNe scene crime is also an event that provokes panic in the population so communicate in a proper way is a must in these cases.

We have started the modules with two experts coming from Police and Fire Brigades, Dr. Patrick Wengler and Dr. Ferruccio Di Paolo that have alternate theirself in the two classes with different approaches.

Here few pictures, to see more pictures visit our facebook pages.



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### [01.24.2017 - Samuele Giovanardi on board of our Master Management Unit](#)

CBRNe Master Courses are glad to announce that Samuele Giovanardi, a young and talented student of the II Level master Course, is part of the Master Management Unit as **Support member to didactic activities**.

Samuele is going to successfully complete the II Level Master Course, the level of knowledge and preparation of Samuele is impressive so we decide to take him as part of our group. This collaboration will be a part of the training activity that he has to complete to get the final title.

Welcome on board Samuele!

Here a resume of Samuele. [CV](#)



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## Click & Read N° 31-32 - Dec. 2016/Jan. 2017

### [01.23.2017 - NEW SCIENTIFIC PAPER PUBLISHED](#)

We are glad to announce that some member of the CBRNe Master Course Board together with the [QEP research group](#) and colleagues of Vitrociset have published the following paper:

**Mini-DIAL system measurements coupled with multivariate data analysis to identify TIC and TIM simulants: preliminary absorption database analysis.**

by: P Gaudio, A Malizia, M Gelfusa, E. Martinelli, C. Di Natale, L.A. Poggi, C. Bellecci.

published on: Journal of Physics: Conference Series, Volume 778, conference 1 (2017), doi:10.1088/1742-6596/778/1/012004

This journal is index on **SCOPUS**. You can download the paper [HERE](#).

### [01.22.2017 - Interview to Dr. Jean-François Ciparisse](#)

Master CBRNe are glad to present an interesting interview to Dr. Jean-François Ciparisse, member of the Directive Board of Master and researcher of [QEP research group](#).

The interview is dedicated to the presentation of Dr. Ciparisse book: [STUDIO SPERIMENTALE DI FIAMME DIFFUSIVE DI METANO IN ARIA STAGNANTE](#)



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### **01.21.2017 - NEW SCIENTIFIC PAPER PUBLISHED!**

We are glad to announce that some member of the CBRNe Master Course Board together with the [QEP research group](#) and colleagues of Vitrociset have published the following paper:

#### **Lidar and Dial application for detection and identification: a proposal to improve safety and security**

by: P. Gaudio, A. Malizia, M. Gelfusa, A. Murari, S. Parracinoa L.A. Poggi, M. Lungaroni, J.F. Ciparisse, D. Di Giovanni, O. Cenciarelli, M. Carestia, E. Peluso, V. Gabbarini, S. Talebzadeh and C. Bellecci

published on: *JINST* **12** C01054 (2017), doi: [10.1088/1748-0221/12/01/C01054](https://doi.org/10.1088/1748-0221/12/01/C01054)

This journal is index on **SCOPUS**. You can download the paper [HERE](#).

### **01.20.2017 - ECDC: European Centre for Diseases Prevention and Control**

In the framework of a continuous improvement of the relations between the International CBRNe Master Courses of the University of Rome Tor Vergata with relevant Institutions involved in the management of the CBRNe risks, a representative of the Directive Board of the International Master Courses in "Protection against CBRNe events" is now temporarily hosted by the [European Centre for Diseases Prevention and Control \(ECDC\)](#), with the tasks to improve capacities and activities on bio-risks and bio-preparedness, such as training activities and guidelines, working together with ECDC experts.

**This represents a crucial step in the strengthening of the collaboration between the two Institutions with the mutual aim of the facing the CBRNe threat ([read more](#))**

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### [01.14.2016 - IW CBRNe 2016 video](#)

Here is the wonderful and interesting video realized by ARACNE TV about the third edition of the International Workshop on CBRNe at Villa Mondragone (Monteporzio, Italy). **Click on the image below and enjoy the video!**



### [01.13.2017 - Healthy World Conference 2016](#)

The Proceedings of the [Healthy World Conference 2016](#) have been published. It has been a multidisciplinary conference on medical aspects and its application in several disciplines that influence our life styles.

The CBRNe Master COurses together with [QEP research group](#) has presented three contributes, one of that is of interest also for CBRNe world. A tool to measure the heart beats automatically and control its behaviour has been developed and tested.

The contribute is entitled: [A LabVIEW based real-time software to automatically recognize off normal ECG values](#) ([read more](#))

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### [01.10.2017 - Master CBRNe @ the Global IoT Summit](#)

CBRNe Master Course Didactic Coordinator, Dr. Andrea Malizia, will participate as part of the Technical Program Committee to the session: [IOT IN MEDICAL SCIENCES AND HEALTHCARE](#) of the [Global IoT Summit](#) supported by the [IEEE](#).

IoT is one of the key players in shaping modern tech-driven healthcare. Enabling a seamless sharing and communication between several medical devices and stakeholders, IoT strives to redefine the healthcare systems and cater more efficient and personalized services to people.

Despite embracing IoT, the area of medical sciences and healthcare also has to overcome several challenges like ensuring safety and security or to deal with the risks in replacing a medical personnel with an intelligent system ([read more](#)).

### [01.09.2017 - CBRNe Network of Excellence](#)

[CBRNe Network of Excellence](#) is the largest CBRN Cluster in Europe

The CBRN Network of Excellence is an initiative of the Netherlands Organisation for Applied Scientific Research TNO, the National Institute for Public Health and the Environment RIVM and the Netherlands Forensic Institute NFI.

[Read more](#)

[The University of Rome Tor Vergata became part of the network through the International Master Courses in Protection Against CBRNe events.](#)

The POC is Dr. Mariachiara Carestia, member of the Directive Board.

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### 01.08.2017 - Quantum Electronics and Plasma Physics Research Group Statistics

The [Quantum Electronics and Plasma Physics Research Group](#) is working hard in these year not only on CBRNe but also on several aspects that can be applied to the safety and security like energy, data mining, big data analysis and especially on optical techniques for detection and identification in open and closed environment.

Here you can find 4 summaries (in PDF) of the results got by the group in the period 2011-2016 in terms of scientific papers index on SCOPUS, citations and scientific collaborations. These results underline the inclination of the QEP group to the International Cooperation and the multi entities cooperation in general.

The results are taken from SciVAL

We want to thank Mr. Luigi Antonio Poggi for this work of data collection and analysis ([read more](#))

**Summary 1**

**Summary 2**

**Summary 3**

**Summary 4**

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### 01.01.2017 - 2017 - WE WILL WALK

We got a surprise today, a surprise and a motivation to work hard in this 2017. We were at home, with the family and we talk with the older woman of the family, Nonna Menicuccia (97 years old), we were talking to her telling that usually we travel for work and she said, in an amazing central Italy slang (from Abruzzo). "Cammnet, chiu cammnet chiu v'mparet e e chiu gent cunuscet!" that means: "You have to walk, more that you walk more you will learn and more persons you will know". So this is the biggest motivation for 2017.

*WE WILL WALK in this 2017! Master Courses, SICCC2017 conference, Papers, Books, Research, Training, Didactic. We will work hard to get a new vision in the security scenario. 2017 WE ARE ARRIVING, WE WILL **WALK**, WE WILL **DO MORE!!!!!!***

### 12.22.2016 - GRANTS FOR CEPOL's TRAINING Activities in 2017

It is with an immense pleasure that we want to communicate the University of Rome Tor Vergata, in the aim of CBRNe Master courses activities, has been **selected** for two GRANTS FOR [CEPOL](#)'s TRAINING Activities in 2017.

We have been selected for the following courses:

**- Hotspots: regional focus on migration and - Management of emergency situations.**

It means that our University, thanks to the activities of the International Master Courses in Protection against CBRNe events, has become part of the CEPOL training network (read more)

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### 12.21.2016 - CBRN Network of Excellence

The SICC 2017 Conference initiative is officially recognised and it is reported in the [CBRN Network of Excellence](#). CBRN Network of Excellence is an initiative of the *Netherlands Organisation for Applied Scientific Research TNO*, the *National Institute for Public Health and the Environment RIVM* and the *Netherlands Forensic Institute NFI*.

The aim of the CBRN Network of Excellence is to set up an –international– CBRN Network of Excellence and to stimulate research and innovation by mobilizing knowledge, expertise and experience in the area of CBRN and by bringing together both (government) organizations, knowledge institutes and commercial companies.

The CBRN Network of Excellence wants to enhance the CBRN knowledge infrastructure by exchanging information on existing CBRN incident experience ([read more](#))

### 12.20.2016 - Seminar of Dr. Ivan Lupelli on Big Data Analysis

This morning we had the pleasure to assist to an interesting seminar of Dr. Ivan Lupelli, Senior Researcher at Culham Centre for Fusion Energy in UK.

Ivan is a former student of the CBRNe Master Course and PhD in Quantum Electronics and Plasma Physics at University of Rome Tor Vergata. After the Master he has started a period at the Culham Centre for Fusion Energy in the field of Nuclear Fusion and actually is one of the most valuable researcher that works in the field of Data Mining and Big Data analysis applied to several disciplines.

He is completing a period ([read more](#))...

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### 12.16.2016 - HESAR and Master CBRNe

The Directive Board of the International Master Courses in Protection Against CBRNe events is glad to announce that today 16 December 2016 an important agreement with [HESAR - Health Safety Environmental Research Association Rome](#) has been signed.

The *Health Safety Environmental Research Association Rome* aims to increase the environmental protection and public safety and security, to improve the quality of life, workplaces, and the ecological system. To fulfill its vision, HESAR promotes awareness, training, updating, studies, research, development, innovation and youth self-employment, spreading awareness and a culture of safety and prevention of all risks in the workplaces and in everyday life, enhancing the best practices, techniques and models, and the strict observance of rules and laws.

Among the initiatives that we will run together we want to remember **SICC2017**.

**We are glad to cooperate with a so young and well-prepared crew!**



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[12.15.2016 - Huge success!!!](#)



**Biomedicine & Prevention**  
An Open Access Transdisciplinary Journal

The Directive Board of the Master Courses has been honoured to participate to the event at the Sala Marconi, CNR, to present the new scientific Journal "Biomedicine and Prevention".

More than 100%, almost all the Italian Medical societies present, International University and Research Centres like ECDC and RKI were present and all of them have underlined the importance of this new initiative of Prof. Palombi and the importance of a new **Trans disciplinary approach** of the journal.

In few days we will present you the pics and the video.

Greetings to Prof. Palombi and his staff for the important achievement.

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### [12.13.2016 - BLSD - An emergency network for deaf people](#)

Health care for deaf people! We do not need to underline how important is the new initiative of Dr. Luca Rotondi, our former student (first deaf person to complete a NATO course during the CBRNe Master) and Dr. Marta Zuddas.

People with different abilities need innovative and high quality level education and training systems. Luca and his colleagues are daily working obtaining impressive results in this sense. You can find more info visiting the link:  
<http://www.sofrapa.it/2016/12/Una-realta-emergente-il-BLSD-insegnato-ai-sordi>

### [12.12.2016 - Proliferation Security Initiative \(PSI\)](#) [Mediterranean Initiative TABLE TOP EXERCISE 2016 - Rome,](#) [Italy 29-30 November 2016](#)

A two days Table Top Exercise (TTX) took place on the 29th and 30th of November at the **National Fire Academy (Istituto Superiore Antincendi - ISA)**, in the framework of the Mediterranean Initiative under the umbrella of the Proliferation Security Initiative (PSI).

The TTX has been organized as a result of the contribution of different Italian Administrations, the Ministry of Foreign Affairs and International Cooperation, the Coast Guard, the Department of Firefighters, Public Rescue and Civil Defense of the Ministry of Interiors and the Customs Agency. It aimed at assessing the operational responsiveness of the participating countries in fictional scenarios of smuggling of weapons of mass destruction materials, including aspects of migration management ([read more](#)).

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### 12.09.2016 - OPCW 21<sup>st</sup> Conference of State Parties

We are proud to announce that HESAR, founded by some members of Master CBRNe crew, is officially listed as a member of the [Chemical Weapons Convention \(CWC\) Coalition](#), participated in the [21<sup>st</sup> Conference of State Parties – CSP21](#) (28 Nov. – 2 Dec. 2016, The Hague, The Netherlands) of the [Organization for the Prohibition of Chemical Weapons – OPCW](#). CSP21 Conference oversees the implementation of the Chemical Weapons Convention, and is composed of representatives of all 192 Member States, who are working together to achieve a world free of chemical weapons.



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### [12.09.2016 - OPCW 21<sup>st</sup> Conference of State Parties](#)

Among the 165 delegates of non-governmental organizations (NGOs) registered for the CSP21 Conference from 30 countries, Luigi Antonio Poggi, in his speech during the plenary session, underlined the HESAR appreciation to the extraordinary accomplishments of the OPCW: the pursuit of the universal membership, the steady progressing destruction of chemical weapons stockpiles, the public awareness of the CWC promotion, and the increasing involvement of civil society including NGOs in the CWC. Also, due to the intensification of terrorist activities in various parts of the world including non-State actors, and the novel emerging terrorist methodologies, the attention was called on the necessity to prevent the re-emergence of chemical weapons.

**You can see the speech of Dr. Luigi Antonio Poggi here**



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### [12.07.2016 - NEW SCIENTIFIC PAPER PUBLISHED!](#)

The Directive Board is glad to announce that the paper: [Zika virus: the fear travels by mosquitoes - Social and psychological impact of the outbreak](#)

has been published on the 1st issue of Biomedicine and Prevention Journal by:

*Cenciarelli O, Carestia M, Pietropaoli S, Marco Ludovici G, Gabbarini V, Mancinelli S, Malizia A, Di Giovanni D, Gaudio P and Palombi L*

You can download the paper with a click on the title or on our dedicated [PAGE](#)

### [12.02.2016 - IW CBRNe 2016](#)

Friday 25 of November has been concluded the 3<sup>rd</sup> international edition of the annual workshop focused on CBRNe events. The attendees came from Public, Military, Private and Research Entities worldwide and were more than **230**.

The workshop has been once again a unique moment to let the experts be in touch with the companies and the research entities and share the achievements and the progress in the fields of: - CBRNe agents detection and identification; - Emergency Management; - Medical maxi-emergency and First Aid; - Protection and Decontamination; - Cyber-security; - Explosives, IED and EOD; - DSS

with: - 15 Lectures; - 41 Posters; - 12 Companies presenting their products.

[\(read more\)](#)

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