



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

22-24 MAY 2017  
ROME, ITALY

## ORGANIZED BY



## 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

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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.



## 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);
- Chornobyl 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.



## SICC 2017 SCIENTIFIC COMMITTEES

### INTERNATIONAL SCIENTIFIC COMMITTEE



#### PRESIDENT

**Ambassador Bonnie D. Jenkins**

U.S. Department of State - Bureau of International Security and Nonproliferation

#### MEMBERS

**Lieut. Col. Bernd Allert**

Joint CBRN Defence Centre of Excellence (JCBRND-COE), Vyškov

**H. E. Fahad Alruwaily**

Natl. Authority for the Implementation of Chem. and Biol. Weapons Convention

**Gen. Faisal Al-Shoubaki**

Jordanian Army - Director of Strategic Planning

**Prof. Paul Arbon**

Director of the Torrens Resilience Institute, Flinders University, Adelaide

**Alan Grimmer**

INTERPOL - Coordinator of the CBRNE Sub-Directorate

**Dr. Amer Hosin**

Emergency and Public Safety Department, Abu Dhabi Police GHQ

**Dr. Martin Krottmayer**

International Federation of Red Cross

**Prof. Maurizio Martellini**

University of Insubria - Associate Professor of Physics

**Amb. Krzysztof Paturej**

International Centre for Chemical Safety and Security (ICSSS)

**On. Gen. Domenico Rossi**

Undersecretary of State at the Italian Ministry of Defence

**Dr. Dieter Rothbacher**

President of the International CBRNE Institute - ICI

**Prof. Enrico Sciubba**

University of Rome La Sapienza - Full Professor of Turbomach. & Energy Systems

**Dr. Michael Thornton**

Team Leader of the European Commission Joint Research Centre (Ispra)

...in progress

### NATIONAL SCIENTIFIC COMMITTEE



#### PRESIDENT

**Vice President Linda Lanzillotta**

Vice President of the Italian Senate (Vicepresidente del Senato della Repubblica)

#### MEMBERS

**Prof. Carlo Bellecci**

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

**Ing. Luciano Cadoni**

Italian National Fire Corps - Provincial Commander of Cagliari

**Dr. Massimo Chiappini**

INGV (National Institute for Geophysics and Vulcanology)

**Dr. Roberta Fantoni**

ENEA - Development of Applications of Radiations

**Prof. Marco Gambini**

University of Rome Tor Vergata - Director of the Industrial Engineering Dept.

**Dr. Pasqualino Gaudio**

University of Rome Tor Vergata - Senior Researcher in Experimental Physics, Coordinator of the International Master Courses in Protection against CBRNe Events

**Col. Stefano Giribono**

Italian Army - Commander of the 7<sup>th</sup> Regiment NBC Defence "Cremona"

**Maj. Andrea Gloria**

Italian Ministry of Defence - NATO School of Oberammergau (Germany)

**Ten. Gen. Antonio Gucciardino**

Former Director of Terrestrial Armaments - Italian Army

**Prof. Roberto Montanari**

Univers. Rome Tor Vergata - Industr. Engineering Dept. PhD Program Coordinator

**Ing. Emilio Occhiuzzi**

National Fire Corps (CNVVF) - Director of General Directorate for Training

**Prof. Giovanni Rezza**

National Institute of Health (ISS) - Director of the Department of Infectious, Parasitic and Immune-Mediated Diseases

**Viceprefetto Vincenzo Rossi**

Vice-Director of the Interior Ministry School of Administration

**Col. Franco Salerno**

Italian Ministry of Defence - Interforces School for NBC Defense

**Dr. Sandro Sandri**

ENEA - Director of the Laboratory IRP-FUAC

**Dott. Vincenzo Trombadore**

Italian Ministry of Interior - State Police

**Cons. Amb. Enrico Valvo**

Italian Ministry of Foreign Affairs and International Cooperation - Directorate General for Political Affairs and Security

...in progress



## 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 ( <i>with Paper Submission</i> )	495	620
Student ( <i>with Paper Submission</i> )	200	350
Governmental Employees ( <i>without Paper Submission</i> )	350	480
Attendance only ( <i>without Paper Submission</i> )	380	500
One-day Attendance only ( <i>without Paper Submission</i> )	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>	<a href="#">Industrial Exhibition, Sponsorships</a>	<a href="#">Industrial Exhibition, Sponsorships</a>

## 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.

