



# **MASTER CBRNe**

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

## **4<sup>th</sup> Announcement - Agenda**

### **3<sup>rd</sup> International CBRNe Workshop**

## **IW CBRNe 2016**

***Building a strong CBRNe scientific community***

***25 November 2016***

University of Rome Tor Vergata  
Villa Mondragone  
Via Frascati 51 (Monte Porzio Catone, Rome)

***The workshop addresses current CBRNe risk scenarios, focusing on:***

- Capacities and best practices to enhance CBRNe security worldwide and to reduce CBRNe threats
- Cyber security: the next frontier of CBRNe
- Bio-safety and security issues
- Programs to support first responders during an hazmat incident
- The use of chemicals in war theaters: a comprehensive view



English is the official language of the event

For **REGISTRATION** please [click here](#) or contact: ***iw2016@mastercbrn.com***

# Workshop Venue

## *Villa Mondragone*



*Villa Mondragone (in Monte Porzio Catone, near Rome) is part of the Complex of "Ville Tuscolane" that includes twelve Monumental Buildings from the Renaissance period, that were built on the heights of the Vulcano Laziale in the South-East of Rome. It is located on a hill at 416 m above sea level between Frascati and Monte Porzio Catone.*

[www.villamondragone.it](http://www.villamondragone.it)

# AGENDA

8.30 - 9.00	REGISTRATION OF PARTICIPANTS		
9.00 - 9.15	WELCOME SPEECHES		
	<b>University of Rome Tor Vergata, OPCW, Italian Ministry of Defence, Italian Ministry of Interior</b>		
9.15 - 9.25	<b>Didactic Board CBRNe Master Courses</b>	University of Rome Tor Vergata	<i>Updates on the Results of CBRNe Master Courses</i>
9.25 - 9.40	<b>Gen. Khaled Al-Shoubaki</b>	Jordanian Army	<i>Jordan Perspectives and Measures to Combating the Threat of Weapons of Mass Destruction (WMD)</i>
9.40 - 9.55	<b>Martin Krottmayr</b>	International Federation of Red Cross	<i>CBRNe emergency preparedness at the IFRC and the Red Cross Red Crescent movement</i>
9.55 - 10.10	<b>Capt. Alan Kearney</b>	Irish Defense Forces Training Centre	<i>Lying Eyes: An unbelievable tale that turned out to be entirely true</i>
10.10 - 10.25	<b>LC Luca Tedesco</b>	Italian Ministry of Defense	<i>Forensic and CBRNe - the investigation of a contaminated crime scene</i>
10.25-10.40	<b>Prof. Maurizio Martellini</b>	University of Insubria	<i>Cyber warfare and autonomous weapon systems</i>
10.40 - 11.10	Coffee Break		
11.10 - 11.25	<b>Col. Ing. Maria Pannuti</b>	Italian Fire Brigades	<i>August 24, 2016 at 3:36 am Central Italy seismic event</i>
11.25 - 11.35	<b>Daniele Di Giovanni</b>	HESAR	<i>HESAR initiative - "Strengthening the CBRNe scientific community"</i>
11.35 - 11.40	CBRNe Master thesis Award		
11.40 - 12.40	POSTER SESSION/INDUSTRIAL EXHIBITION		
12.40 - 13.40	Lunch		
13.40 - 13.55	<b>Giovanni Longo</b>	W.L. Gore & Associates Srl	<i>Enhance functionality in chemical biological environment</i>
13.55- 14.10	<b>Dieter Rothbacher, MMSc</b>	HOTZONE SOLUTIONS	<i>The importance of training in CBRNe Realistic training for realistic results</i>
14.10 - 14.25	AGREEMENT SIGNATURE CEREMONY		
	with the participation of		
	<b>Mr Yves Dubucq - International CBRNE Institute - Belgium</b>		
	<b>Dr Milica Marceta Kaninsk - Vinca Institute of Nuclear Sciences - Serbia</b>		
14.25 - 14.35	<b>Matteo Monticelli</b>	Pollution S.r.l.	<i>The ultimate technology step for radiological threats identification - a solution that drives to rethink monitoring procedures</i>
14.35- 14.50	<b>Alessandro Costagliola di Fiore</b>	CRISTANINI S.p.A.	<i>Innovative CBRNe protection and decontamination systems</i>
14.50-15.10	Coffee Break		
15.10 - 15.25	<b>Prof. Leonardo Palombi</b>	University of Rome Tor Vergata	<i>Immigration and terrorism: a new approach to face the threat</i>
15.25- 15.40	<b>Amb. Bonnie Jenkins</b>	U.S. Department of State	<i>World Wide Global Partnership on CBRNe</i>
15.40-15.55	<b>Ditta Ciganikova, MMSc</b>	OPCW	<i>OPCW emergency response capacity building programmes</i>
15.55-16.00	Best Poster Award		
16.00 - 16.15	Master Students Ceremony		
16.15 - 16.25	Military Insigna Ceremony		
16.25 - 17.00	Attendance Certification Assignment		
	END OF THE AGENDA		

# Registration

## **Deadline** **for late registration** **22 November 2016!**

### Late registration fees

Workshop attendance	free of charge
Conference kit, coffee breaks and lunch + 1-year HESAR membership	€35,00
Poster session participation and abstract publication on ISBN book + 1 year HESAR membership ( <b>this fee is available only for participants who have already submitted an abstract</b> )	€30,00
Conference kit, coffee breaks and lunch + Poster session participation and abstract publication on ISBN book + 1-year HESAR membership ( <b>this fee is available only for participants who have already submitted an abstract</b> )	€65,00

**Workshop fees include the HESAR**  
**(Health Safety Environmental Research Association Rome)**  
**membership for 1 year!**

**FOR REGISTRATION PLEASE CLICK ON the HESAR logo**



**or visit:**

**<http://www.hesar.it/eng/events/registration-cbrne-workshop-2016/>**

**For information please contact: [iw2016@mastercbrn.com](mailto:iw2016@mastercbrn.com)**

# Poster Session

#	POSTER TITLE	AUTHORS
P1	International Combat Life Saver CBRN Awareness for Police and Military personnel	Wengler P.
P2	CBRN risk assessment during earthquakes: the Amatrice 2016 earthquake case	Cavalieri d'Oro E., Pannuti M., Venturini S.
P3	CBRNe civil defense protection during mega-events: the EXPO 2015 case	Cavalieri d'Oro E.
P4	Na-TECH Risk Prevention in a Company subject at Risk of Major Accident. A real case	Angeli D.
P5	Sniffer for concealed people discovery: the SNOOPY Project	Sberveglieri G., Ponzoni A., Martinelli E., Catini A., Di Natale C.
P6	Benefits of the use of a rule system for CBRNe TTX - EXE vs. traditional narrative model	Filippi M., Carruba R., Massimo L.
P7	CBRN Italian Red Cross: Department of Public Health	Fontana C., Zaghis I., Costanzo V., Angeloni U.
P8	An Innovative e-Learning Module to Manage Summer School Lectures: MATRIX-SS	Fontana F., Fontana C., Cosimi E., Ponzo G.
P9	Protecting workers from potential exposure to Zika virus in EU	D'Amico W., Tomao P., Vonesch N.
P10	Nuclear Forensic activity at ENEA: The Galaxy Serpent exercise v2	Ottaviano G., Rizzo A., Rocchi F., Padoani F.
P11	Is Rome ready for CBRNe attacks?	Rosiello F., Monti M., Modini C., Russo L., Marchetti M., Zelinotti L., Vinci A.
P12	From Chernobyl to Florida across Garigliano. Analysis of chemical disasters	Vinci A., Monti M., Marchetti M., Zelinotti L., Rosiello F.
P13	NIMBY Syndrome	Lisanti M.
P14	Role of radiation measurements in the radiation protection and emergency response and preparedness in the case of radiological accidents	Olivera C.-B., Lazarevic D., Todorovic D., Pantelic G., Arandjic D., Bozovic P., Ceklic S., Zivanovic M., Stankovic-Petrovic J., Kaljevic J.
P15	A radiological incident with a radioactive lightning rod source found in a vehicle used by film crewmembers: a case study	Olivera C.-B., Lazarevic D., Arandjic D.

# Poster Session

#	POSTER TITLE	AUTHORS
P16	Methods used for estimation of radiation and chemical hazards in humans	Jokisć G., Filipović J., Šobot A.V.
P17	Determination and detection of the CWA in different matrices by capillary column electron impact GC/MS	Tošić M.S., Nikolić Ž.M., Lebendiskaya L., Cekovic B., Milovanovic D.S., Brdaric T.
P18	Detection and desorption behavior of warfare agents at outdoor conditions after application on different surfaces	Nikolić Ž.M., Tasic G.S., Lebedinskaya L., Cekovic B., Nikolić V.M.
P19	Research of Methodology Improvements of Live Agent (Chemical and Radiological) Exploitation Validation of the Decontamination Equipment in the Field Conditions	Sutulovic L., Slavko D.K., Nikolić V.M., Milovanović D., Kaninski M.M., Cekovic B., Rothbacher D.
P20	Cyber Diplomacy: a Peaceful Solution to Bring an End to International Cyber Conflicts	Khosravi A., Heidari S.
P21	Effective responder communication improves outcomes during mass decontamination	Carter H., Drury J., Rubin J., Williams R., Amlôt R.
P22	Applying Behavioural Science Research to CBRNe Incidents	Robertson C., Jones E., Amlôt R.
P23	A Mobile Complex System for fast internal contamination monitoring in radiological emergency	Vilardi I., Antonacci G., Battisti P., Castellani C.M., Del Gaudio D., Di Giuda M., Giardina I., Iurlaro G., Mancinelli S., Sperandio L.
P24	Plant and Food Biosecurity	Gullino M.L., Colla P.
P25	A novel active interrogation system for special nuclear material detection and interdiction	D'Errico F., Felici G., Zagarella R.
P26	Drones defensive measures in Italian agriculture from an Agroterrorism perspective	Rossetti P., Genco N.S.
P27	Operational Security Factors implementation in a Multidisciplinary Integrated Model for Security Management (MIMGS): Drones/Anti-drones systems in physical protection of nuclear facilities	Rossetti P., Calabresi G., Garzia F., Genco N.S.
P28	Surveillance and control of <i>Acinetobacter baumannii</i> in hospital infections	Sambalotti R., Ludovici G.M., Meola M.

# Poster Session

#	POSTER TITLE	AUTHORS
P29	Considerations about how climate changes can influence the design criteria for the National Repository for Radioactive waste	D'Auria M.C., Chiaravalli F., Ventura G.
P30	R/N Threat Detection and Identification Mobile System	Buizza C., Bucci A.
P31	GDA-P Handheld detector for chemical warfare agents and toxic gases	Malizia P., Klähn S., Münchmeyer W., Walte A.
P32	Basic Guidelines to Combating CBRNe Global Threats	Bodi G.
P33	The Sensitive Future	Santarelli M.
P34	Enhancing international cooperation for CBRN capacity building: an innovative approach to address South East Asia needs	Cavallini S., Costanzo P., Guidotti M.
P35	Fostering international institutional cooperation in the CBRN domain: an experience with Middle East Countries	Cavallini S., Costanzo P., Corrao S.
P36	Hospital chemical demo: a way to assess EDEN tools	Brancaleoni R., Gui D., Magalini S., Caruso S., Marchesi L., Soave P.M.
P37	Study of a simulation model for the interaction between metal and ionizing radiations	Noschese L., Ciparisse J-F.
P38	A monitoring technique for the detection of failures in ventilation system	Statera S., Sciommeri B., Alibrandi L., Francia G.
P39	A new Decision Support System for detection and control of infectious outbreaks	Alibrandi L., Sciommeri B., Statera S.
P40	Organosulfur compounds poly(lactic acid) fibrous membranes as active protection mask filter	Cacciotti I., Ciocci M., Nanni F., Melino S.
P41	Flexible Direct X-ray detectors based on organic thin films	Basiricò L., Ciavatti A., Cramer T., Cosseddu P., Bonfiglio A., Fraboni B.

# Industrial Exhibitors



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DECONTAMINATION SYSTEMS**



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# Industrial Exhibitors





## IW CBRNe 2015



**More than 220 attendees**



# 3<sup>rd</sup> International CBRNe Workshop

## IW CBRNe 2016

*Building a strong CBRNe scientific community*

**25 November 2016**



- ✓ *Scientific speeches*
- ✓ *Poster session*
- ✓ *Industrial exhibition*
- ✓ *Best poster award*

**Register today!  
LIMITED SEATS**

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