

SMi Presents our 7th annual CBRNE conference

# CBRNE EUROPE

# 2013


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APRIL 30TH  
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CBRNE has become an increasingly large threat globally. CBRN defence consists of CBRN passive protection, contamination avoidance, and CBRN mitigation. This year there will be sessions from Military and Security Experts explaining what measures they have in place in case of a CBRNE attack, there will also be detailed explanations of recent developments in hospital preparedness with key UK health authority figures delivering presentations.

#### Reasons to attend:

- **Learn** about current CBRNE defence policy
- **Listen** to international CBRNE leaders
- **Assess** your current threat and gain the tools to Mitigate against disaster

#### PLUS TWO PRE-CONFERENCE INTERACTIVE WORKSHOPS 9TH JULY 2013

09.00 - 15.30

#### A: Can't Bother Right Now: Hospital Preparedness

Hosted by

Brigadier General (ret'd) Ioannis Galatas

13.00 - 17.30

#### B: Getting the Board on-board

Hosted by

Mr Bharat Thakrar, CISSP, MBA, Head of  
Business Resilience, BT Global Services

#### SPEAKER PANEL INCLUDES



Colonel Hartmut Schmitt, SHAPE CPP WMD,  
NATO



Lieutenant Colonel Juan Irizar, CBRNE  
Specialist, Spanish Army



Major Christophe Libeau, Hazmat & CBRN  
Brigade Officer, Paris Region Radiological  
Technical Advisor, Paris Fire Brigade



Professor Roberto Mugavero, Professor  
University of Rome "Tor Vergata" – Faculty of  
Engineering, President of National  
Observatory on Security and CBRNe Defence



Mr Keith Prior, National Ambulance Resilience  
Unit Director, NARU UK



Gregor Malich, Head, NRBC Operational  
Response Project, International Committee of  
the Red Cross (ICRC)



Inspector Stuart Beaumont, Head of  
Divisional Training, Civil Nuclear Constabulary



Bogdan Catalin Udriste, EU Monitor, Field  
Office Gori, European Union Monitoring  
Mission to Georgia

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**08.30 Registration & Coffee****09.00****Chairman's Opening Remarks**

**Brigadier General Ioannis Galatas**, Medical/Hospital CBRNE Planner, **Hellenic National Defense General Staff**

**09.10****CBRNE Defence from a strategic SHAPE perspective**

- Political Background
- CBRN Defence in Allied Command Operations
- CBRN Defence Projects
- Cooperation with other CBRN Stakeholders



**Colonel Hartmut Schmitt**, CPP WMD,  
**NATO SHAPE**

**09.50****Strategy and Operational Capability of the Ambulance Service when dealing with Mass Crisis Disaster**

- Strategic Aims
- National Ambulance Resilience Unit
- Ambulance and NHS Resources
- Command and Interoperability



**Mr Keith Prior**, Director,  
**National Ambulance Resilience Unit**

**10.30 MORNING COFFEE****11.00****Biofirefighters: Coming back to the experience of the Paris Fire Brigade of building bio capabilities against biological risks and threats**

- Why building such capabilities? From 2001 outbreak of suspicious letters to a 2006 decision.
- Building a concept then a doctrine and finally a operational comprehensive course for firefighters.
- Highlights on PFB bio capabilities (biodetection devices) and training for firefighters.
- Next steps: aggregate our human expertise in the national laboratories network and develop our bio mobile lab



**Major Christophe Libeau**, Hazmat & CBRN Brigade Officer, Paris Region Radiological Technical Advisor,  
**Paris Fire Brigade**

**11.40****Bomb Data Centres In Georgia and Kosovo**

- The need for developign Bomb Data Centres in Georgia and Kosovo
- The UK and US model to Georgia and Kosovo
- Cooperation with International Bomb Data Centres Working Group and International Bomb Technicians and Investigators (IABTI)
- Challenges of oprtating the BDC



**Mr Bogdan Catalin Udriste**, EU Monitor, Field Office Gori,  
**European Union Monitoring Mission to Georgia**

**12.20 NETWORKING LUNCH****13.40****CBRN Standards**

- Introduction to European Commision Security Mandate M/487
- Development of a European standardisation roadmap on CBRNE
- Minimum detection standards
- Smapling standards
- Including the area of aviation security
- Results of the first International CBRNE standardisation Workshop held in Spring 2013
- The Way Ahead

**Mr Andrew Proudlove**, Managing Director,  
**abxl**

**14.20****Silent but deadly – the hidden danger of the Cyberhacker to CBRNE**

- Understanding the nature and evolution of the cyber hacker
- The Advanced Persistent Threat (APT) – what is it and how bad?
- Use against nuclear installations – case example
- What is your response?

**Mr Bharat Thakrar**, Head of BC & Resilience,  
**BT Global Services**

**15.00 AFTERNOON TEA****15.30****The Future of CBRN in the Civil Nuclear Costabulary**

- The current Position of the CNC Capabilities
- The changes to the Threat and response
- CNC Independancy and Interdependancy
- The Aspiration for Fighting in an Agent Contaminated Environment (FACE)



**Police Inspector Stuart Beaumont**, Head of Divisional Training, **Civil Nuclear Constabulary**

**16.10****CBRNE Defence in Spanish Army Capability**

- Doctrine
- Organization
- Material
- Training and Education

**Lieutenant Colonel Juan Irizar**, CBRNE Specialist,  
**Spanish Army**

**16.50****Chairman's Closing Remarks and Close of Day One**

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**SMi Defence and Security Forward Planner**

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- **ISR** 17th & 18th April 2013, London, UK
- **Digital Cockpit** 13th & 14th May 2013, London, UK
- **MilSatCom APAC** 15th & 16th May 2013, Singapore
- **Air Mission Planning** 3rd & 4th June 2013, London, UK
- **Cyber Security for Military and the Defence Sector** 19th & 20th June 2013, London, UK

- **Night Vision** 5th – 6th June, 2013, London
- **CBRNE** 10th -11th July 2013, London, UK
- **Military Flight Training** 18th - 19th September, 2013, London
- **Defence Exports** 2nd - 3rd October, 2013, Amsterdam,
- **Global MilSatCom** 5th - 7th November, 2013, London
- **Military Airlift and Rapid Reaction Operations** 3rd – 4th December, 2013, Spain

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**08.30 REGISTRATION & COFFEE****09.00****Chairman's Opening Remarks**

**Mr Neil Hall**, Former Assistant Commissioner,  
**Royal Turks & Caicos Islands Police Force**

**09.10****Syria's Biological Weapons Complex: capabilities and Consequences**

- Bio-Terrorism vs. a State BW Complex
- Syria's suspected BW arsenal and International Public Health Consequences
- Securing Syria's BW programs
- Threat Reduction after Assad

**Dr Jill Bellamy van Aalst**, CEO,  
**Warfare Technology Analytics**


**09.50****The Weak link in CBRN Planning**

- In the case of a REAL CBRNE attack, 20% of casualties will remain in place, 80% will flee to all possible directions while the contaminated vs. worried well is 1:5
- Are Hospitals adequately prepared to deal with the CBRNE mass casualties
- Is this a reversible situation?
- What is the future for planning of success

**Brigadier General (ret'd) Ioannis [John] Galatas**, MD, MA(Terr), MC(Army), MD Consultant in Allergy & Clinical Immunology, Medical/Hospital CBRNE Planner, Senior Asymmetric Threats Analyst, **RIEAS**

**10.30 MORNING COFFEE****11.00****NRBC Events in the Context of Armed Conflict and Other Situations of Violence**

- Threats, Allegations, and Confirmed Release of NRBC Agents
- Challenges for a Humanitarian Response to NRBC Events
- Conclusions from ICRC's NRBC Operational Response Project
- ICRC's Way Forward as regards Responding to NRBC Events

 **Mr Gregor Malich**, Head, NRBC Operational Response Project, **International Committee of the Red Cross (ICRC)**

**11.40****Incident Command Systems: Managing Order and Chaos in Extreme Complexity**

- Limitations of Current Hierarchical Incident Command Systems
- Decision Making Under Extreme Pressure
- Managing EMON's (Emergent Multi-Organization Networks)
- Institutionalizing Skills and Capabilities

**Mr David Rubens**, MSc FSyl, **Consultant**

**12.20 NETWORKING LUNCH****13.50****Crime Scene Investigation in CBRNE Environments**

- CSI in CBRNE Environments features
- CSI in Environments planning
- CSI in Environments procedures
- CSI in CBRNE Environments Operational Activities



**Professor Roberto Mugavero**, Professor University of Rome "Tor Vergata" – Faculty of Engineering, **President of National Observatory on Security and CBRNE Defence**

**14.30****Fukushima: Lessons for Communication in Major Incidents**

- During a major accident communication has to fulfil two purposes - to serve as a guide to action in the short term but also to build relationships in the long term. The latter seemed entirely to be absent in the thinking of the Japanese authorities during the Fukushima accident
- There is a trade-off between uncertainty and timeliness - sometimes it is important to give a 'best guess' with suitable caveats rather than waiting for a high degree of surety.
- Don't assume the media will be looking for ways of sensationalising the story so try to keep things from them.
- Consider ways of keeping the scientific community up to date and allow them to explain issues to the public.

**Mr Malcolm Grimston**, Senior Research Fellow,  
**Imperial College London**

**15.10****Leading the Conversation: ensuring the public are correctly informed about CBRNE threats**

- Understanding the media
- The impact of digital media locally and nationally
- Case studies
- Digital media strategies

**Ms Anna Averkiou**, MCIJ, **Averkiou Media**

**15.50 AFTERNOON TEA****16.20****CBRNE2 in the Maritime Environment**

- The current Situation with regard to CBRNE2 in the maritime environment
- The Threat
- Potential Consequences of a CBRNE2
- Attack, Tactics, Kit and Equipment
- The way Ahead

**Mr Neil Hall**, Former Assistant Commissioner,  
**Royal Turks & Caicos Islands Police Force**

**17.00****Fire & Rescue Marine Response (CBRNE)**

- The UK Fire & Rescue Service response to CBRNE incidents
- The UK Fire & Rescue Service response to marine incidents
- The UK Fire & Rescue Service response to marine CBRNE incidents

**Group Commander Dave Sheppard**, Fire & Rescue Marine Response Group, **East Sussex Fire & Rescue Service**

**17.40**

**Chairman's Closing Remarks and Close of Day Two**

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## **Can't Bother Right Now: Hospital Preparedness**

**HOSTED BY: Brigadier General (ret'd) Ioannis [John]  
Galatas, MD Consultant in Allergy & Clinical  
Immunology**

### **Workshop overview:**

Following a terrorist CBRNE attack in urban/megapolis environment approximately 20% of those involved will remain in place (dead, severely wounded/contaminated) while 80% will flee to all possible directions seeking for medical advice. In addition, the ratio between contaminated vs. worried well is 1:5 and this will overwhelm hospitals in a very short time leading to collapse. Based on Tokyo sarin experience, all hospital and clinics in a big city will accept contaminated casualties. Therefore, all of them need to be adequately prepared to deal with CBRNE casualties.

It is generally believed that there is a gap in preparedness between the ambulance service and the hospitals' emergency services in London and other major Cities. Specialized questions on hospital CBRNE defence will be set and authorities involved will be asked to address them. The main goal of this Workshop is to identify gaps in preparedness and assist hospital to correct them the best way they can.

### **Reasons to attend:**

Upon completion of the Workshop the audience will be able:

- To comprehend what is expected to follow a real terrorist CBRNE event in urban/megapolis environment
- To incorporate an anthropocentric approach in CBRNE defence planning
- To analyze the needs deriving from hospital CBRNE planning (manning, equipment, procedures, interoperability)
- To identify the gaps in hospital CBRNE preparedness
- To establish a cooperation network between major hospitals' CBRNE defence strategies

### **Agenda**

<b>08:45</b>	<b>Registration</b>
<b>09:15</b>	<b>Welcome and Introductions of participants</b>
<b>09:45</b>	<b>What is expected to happen in a real terrorist CBRN attack in urban environment</b>
<b>10:30</b>	<b>Networking break</b>
<b>11:00</b>	<b>Ambulance Service CBRN Preparedness – Are we Ready?</b>
<b>12:00</b>	<b>Hospitals' CBRN Preparedness – Are we Ready?</b>
<b>13:00</b>	<b>Lunch</b>
<b>14:00</b>	<b>Open discussion with participants</b>
<b>15:30</b>	<b>Closing remarks</b>

### **Workshop Leader:**



**Brigadier General (R) Galatas Ioannis, MD, PhD, MA, MC**

Brigadier General (ret) Ioannis [John] Galatas was born in 1958 and graduated from the Military Medical Academy and the Medical School of the Aristotelian University of Thessaloniki in 1982. He is specialized in Allergy and Clinical Immunology and for more than 25yrs he was the Head of the Dept of Allergy & Clinical Immunology at the Army General Hospital of Athens. Since 2001 he served as CBRN officer and planner trained in a number of countries abroad. During the 2004 Athens' Olympic Games, he served as Commandant of the "Olympic Hospital CBRN Response Unit" specifically designed and deployed for the Games. He holds a PhD degree in Medicine and a Master's Degree on "International Terrorism, Organized Crime and Global Security" from Coventry University, UK. A second PhD is in progress with Athens Medical School, Dept of Forensics and Toxicology. He is the Editor of the on-line "CBRNE-Terrorism Newsletter". Since Aug 2010 he is the CBRN Scientific Coordinator at Research Institute of European-American Studies and holds the position of Vice Chairman of Greek Intelligence Studies Association. His last military appointment before his voluntarily retirement in August 2010 (after 35yrs in service), was as Head of the Department of Asymmetric Threats at the Intelligence Analysis Branch, of Joint Military Intelligence Division of the Hellenic National Defense General Staff in Athens.

## **Getting the Board on-board**

**HOSTED BY:**

**Bharat Thakrar, CISSP, MBA  
Head of Business Resilience**

**Workshop overview:**

The workshop will aim to provide a detailed understanding of why some projects fail in getting funding and support from their Boards while others are more successful. What are the factors that maximise board level interest in disaster response projects and positive investment decisions? The workshop will provide practical options to the challenges practitioners face in engaging with senior management and getting funding for their projects.

**Reasons to attend:**

- In today's economic climate any investment in disaster response will need to be justified by sound rationale and be backed up by financial based assessment
- The workshop will help provide a practical approach to getting board approval for disaster response projects
- Participants will use a case study example of identifying and analyzing the level of investment required for appropriate disaster response
- By going through this workshop participants will be better prepared to put a more rigorous case for funding their risk mitigation projects

**Agenda**

- 12.30 Registration**
- 13.00 Factors influencing the board**
- 14.00 Maximising your chances of getting the Board on-board your project**
- 15.00 Coffee Break**
- 15.30 Case study**
- 16.30 Syndicate work**
- 17.30 Workshop Closes**

**Workshop Leader:**



Bharat is Head of the Business Resilience Services for the BT Global Security Practice. He has over 14 years experience in designing, implementing and managing end to end security, continuity, risk, governance and crisis management solutions and systems. Prior to joining BT, Bharat held roles in systems design, project/programme management and business analysis and was also the head of security, continuity and risk for a specialist consultancy. Bharat's current focus is on identifying for organisations how robust security, risk and resilience processes and systems can mitigate against the increasing levels of uncertainty and at the same time contribute to the value, reputation and the bottom line. He has led strategic programmes in several industry sectors in Europe, Middle East, Latin America and Asia. Bharat regularly conducts Resilience and Cybersecurity workshops and training events. He is a frequent conference speaker and has also been a visiting lecturer on university masters programmes. He is an MBA from Imperial College, London, and is CISSP and CBCP practitioner.

# CBRNE EUROPE 2013

Conference: 10th-11th July 2013 | The Marriott Regents Park, London Workshops: 9th July 2013

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