

CBRNe CONVERGENCE Asia



メジャーなスポーツイベントは、テロリストたちにとって格好の標的であり、化学 (Chemical)、生物 (Biological)、放射性物質 (Radiological)、核 (Nuclear) の CBRN と呼ばれる兵器を使用し、その最大の効果を得ようとする危機に脅かされます。これらの攻撃を防ぐことは難しいですが、決して不可能ではありません。

「CBRNe Convergence Asia」には、世界中から専門家や大規模イベントでの対策経験を持つエキスパートが集結します。国内外からのエキスパートの講演や、最新鋭の CBRN 機器の展示に加え、警視庁と陸上自衛隊のデモンストレーションが一堂に会する世界最大級のイベントに、ぜひご参加ください。参加登録はこちらから

www.regonline.com/Register/Checkin.aspx?EventID=1798560

Speakers include:

Major General Shyunji Yoshino
Commandant, Japanese Chemical School

Director General Imai
Head of Security, Olympic Committee

Commissioner Eric Yap
Commissioner, Singapore Civil Defence Force

Detective Mark Seibel
Hazmat Detail, Los Angeles County Sheriff's Dept.

District Fire Chief Dennis Costin
Boston Special Ops Command
Hazmat/WMD

Supporting Partner Organisations



Tokyo
Fire
Service



地域の安全
NBCR
Institute



Tokyo
Metropolitan
Police Dept.



US Embassy
Commercial Section



Japanese Ground Self
Defence Force

Two day conference and exhibition

with a practical demonstration from units of the Tokyo Metropolitan Police and Japanese Ground Self Defence Force.

1-2 June 2016

Shinagawa Marriott, Tokyo

Learn more via

www.cbrneworld.com/cbrneconvergenceasia

AGENDA

9.00 - 9.05 **議長あいさつ**
CBRNe World 編集長 **Gwyn Winfield**

9.05 - 9.20 **開会あいさつ**
警視庁警視總監 高橋清孝氏

I 日目の焦点: 各地域での環境的脅威

9.20 - 9.50 **陸上自衛隊大宮駐屯地 化学学校司令官 司令官 陸将補 吉野俊二氏**
CBRN 特別隊及び 陸上自衛隊の概要

- CBRN特別隊の組織及び設備
- 東京地下鉄サリン事件での活動及び教訓
- 福島第一原子力発電所事故での活動及び教訓

9.50 - 10.10 **東京オリンピック パラリンピック競技大会組織委員会 警備局長 今井勝典氏**
“夢の実現への団結” – 2020年東京オリンピックの全体コンセプト

- オリンピックの安全対策-課題及び策略
- 脅威の評価及びテロ対策
- 計画及びオペレーションの統一 オールジャパン体制の構築

10.10 - 10.30 **アメリカ国防脅威削減局(DTRA) 副長官 少佐 John P. Horner氏**

休憩

11.00 - 11.30 **東京消防庁 警防部特殊災害課長 平本隆司氏**

11.30 - 12.00 **ロッキードロマーティン社 プログラムマネージャー Warren Jolly氏**
CBRN 対策体制の維持

- CBRN対策体制 - 組織及び下位組織
- 対応体制確保の為の解決策
- CBRN対策体制の請負モデル例

12.00 - 12.30 **シンガポール市民防衛庁 長官 Eric Yap氏**
革新によるCBRNE災害対応の変化

- 脅威に必要とされる新しい策略の発展 • 脅威の包囲
- 直感的デザインによるテクノロジーの補足 • レスポンダーの即応力 vs コミュニティの準備

ランチ

1.30 - 2.00 **クアラルンプール病院救急部 Alzamani Mohammad Idrose 博士 (マレーシア)**
神経ガスから爆撃まで: 発展途上国におけるCBRNe災害の対応及び課題

- マレーシアの応答 - 準備と現場での解決策
- ケーススタディ: 化学、生物、放射線及び爆発
- 複数組織によるCBRN対応 - 発展途上国での策略及び調整
- 患者の対応 - 傷病及び危険についての共通認識

2.00 - 2.30 **BioFire Defense 有限責任会社 販売・マーケティング副社長 Matt Scullion氏**
感染症の勃発を絶滅させるためのインフラの活用

- エボラ出血熱の診断法の開発 • 米国の承認手続きの誘導
- 重要機関の全国的展開 • 現在流行中の感染症に対する適用: ラッサ、ジカ、MERSコロナウイルス

2.30 - 3.00 **福島県立医科大学 医学部放射線災害医療学講座 長谷有史教授**
CBRNEへの意識: 福島の教訓

- 福島第一原発事故のケーススタディ • 日本の状況の分析
- 福島の教訓

3.00 - 3.30 **Avon Protection 社 CBRN 管理長 Hamish de Bretton Gordon 氏 (英国)**
CBRNの脅威 - シリア イラクから学んだ教訓

- イラク シリアでの経験と教訓に基づいた、世界中で進行中のCBRNの脅威
- 心理的大量破壊兵器: イスラム国及びアサド政権
- イスラム国によって訓練されたテロリストによる祖国への脅威
- CBRNに求められること: 従来要求されたこと、今後期待される能力

休憩

4.00 - 5.00 **陸上自衛隊及び警視庁による実演、レセプション**

2日目の焦点：注目度の高いイベント

- 8.30 - 9.00 **警視庁警察学校 警察学校診療所所長 奥村徹博士**
日本におけるCBRNE対応策の歴史
• 松本サリン事件 • 東京地下鉄サリン事件 • 市民保護の実習
- 9.00 - 9.30 **Proengin 社 マーケティング セールズディレクター Eric Damiens氏 (フランス)**
AP4C-VB One センサー：化学及び生物脅威の同時検出
• 炎光分光分析のプレゼンテーション
• 炎光分光分析の化学的および生物学的脅威に対する適用
• ダブウェイ実験場での検証結果のプレゼンテーション(SK チャレンジ)
- 9.30 - 10.00 **ブラジル軍技術センター CBRN部長 Paulo Alexandre de Moraes Cabral 大佐**
ブラジルにおける近年の大規模イベントでのCBRNe対策計画
• ブラジル軍のCBRNディフェンスシステム (SisDQBRNEx) • CBRN 研究所/技術センター (CTEx)
• 世界青年の日、コンフェデレーションズカップ2013、FIFAワールドカップ2014の教訓
• オリンピックの計画及び準備 • ブラジルのCBRNeディフェンス、大規模イベントの遺産
- 10.00 - 10.30 **Cristanini 社 CBRN 部ゼネラルマネージャー Stefano Miorotti 博士 (イタリア)**
大規模イベントの課題と新しいCBRN 汚染除去及び解毒システム
• 国際テロリストと感染症の流行によるCBRN脅威
• 危険マネジメント格納手段とCBRN保護における汚染除去測定とシステム
• 軍事作戦及び大規模イベント用の多機能モジュール式設備ソリューション
- 休憩
- 11.00 - 11.30 **イングランド公衆衛生サービス EPRR及び持続性地域担当 Marc Beveridge氏 (英国)**
- 11.30 - 12.00 **Emergent BioSolutions 社 科学実行部長 Laura Cochran 博士**
放射線粒子被ばく：皮膚表面からの除去
• ストロンチウム及びイリジウムのアイソトープを用いた新たな生体内研究 • 地表相関性使用法の開発と発展
• 既存の化学物質対策：CBRN対策に必要なアプリケーションの増加
- 12.00 - 12.30 **ロサンゼルス郡保安局 危険物部長 Mark Seibel 氏**
CBRN 特別イベントの予防及び対応作戦
• 既存のCBRN対策のギャップを埋める新たな可能性 • 共同の法執行、消防と軍の特別作戦
• 特別イベントの設備と作戦：防止 vs 対応 • 危険性評価共同チーム：CBRNと爆弾処理
• 化学/生物 K9 一掃
- ランチ
- 2.00 - 2.30 **香港警務処 爆弾処理班 Alick McWhirter 氏**
香港におけるCBRN 災害に対する計画及び戦略の概要
• 香港政府のCBRNに対するアプローチの概要
• 香港警務処及び香港警務処爆弾処理班の役割
• E疑わしい粉体又は物質を含めた犯罪のケースで見る実用的な一例
- 2.30 - 3.00 **Air Techniques International社(ATI) 会長 Ron Adkins氏**
生物的脅威のリアルタイム検出と種別
• BioSurveillance System Architectureの進化 • 生物学的脅威のシナリオの進化
• EBS：次世代のリアルタイム脅威検出と種別
- 3.00 - 3.30 **南ウエールズ警察公序及び対テロ作戦 CBRN班 Christopher Thomas氏 (英国)**
特別イベントの計画、防止と対応
• 測定可能な脅威プロファイル • 資源の削減関与
• コスト削減の可能性と見合う価格：特別司令、専門領域(CT/犯罪/自然災害/避難)
• 相互運用性の条件 • 現場試験 v コミュニティへの影響
- 休憩
- 4.00 - 4.30 **ボストン消防署 地区消防署長 Hazmat/大量破壊兵器特殊部隊班チーフ Dennis Costin 氏**
CBRNEの隠れた展開
• 対応パートナー (例) 2013年ボストンマラソン
• 何段階もの対応—明確なものから隠れたものまで—混乱なき緩和
• 教訓：イベントの為の事前計画
- 4.30 - 5.00 **Environics 社 放射線検出 ビジネスマネージャー Jukka Härkönen 氏**
フィンランド関税の放射線モニタリング法
• フィンランドにおける核安全性検出構造 • 放射線検出と識別装置
• フィンランドの放射線と核安全局の歴史
- 5.00 - 5.30 **オーストラリア国防省 CBRN次長 Eric Stevenson氏**
オーストラリア国防軍対即席爆発装置機動部隊の地域CBRN 脅威へのアプローチ
- 5.30 - 6.00 **FLIR Systems社 ビジネス展開ディレクター 爆発物探知部 Aimee Rose博士**
非対称の対応：新世代携帯テクノロジーによるテロ防止改善策
• 従来の安全維持方法の概要 • 10年間の非対称的な戦いと課題
• 新たなテクノロジーによる脅威への探知と対応 • テクノロジーによるこれからの安全対策

終了

Gold Sponsor

Lockheed Martin

As a world-class leader providing CBRN systems integration to government agencies around the globe; Lockheed Martin develops innovative solutions in the Defense and Civil areas of CBRN detection, critical infrastructure protection, global deployment, logistics, operations and maintenance to solve complex issues and the unique challenges of our world today.



Silver Sponsors

Air Techniques International (ATI)

Air Techniques International (ATI) is the maker of the JSMLT (Joint Service Mask Leakage Test). The JSMLT is used by the U.S. military to test respirator mask integrity against chemical and biological threats. The JSMLT and related PMLT (Protective Mask Leakage Tester) are the only portable devices allowing comprehensive leak testing of specific mask components without requiring the user to wear mask. ATI is also preparing to launch an innovative real-time biological detection and classification system, which will be on display at CBRNe Convergence Asia.



Avon Protection

Avon Protection is a world leader in CBRN PPE and respiratory protection, providing complete solutions for air, land and sea based personnel in military, law enforcement, first responder, fire-fighting and industrial sectors worldwide. Our portfolio of modular CBRN respiratory protection products together with consultancy services and tailored training packages allows us to deliver truly end-to-end procurement solutions to a global market. We have supplied respirators to the UK Ministry of Defence and other NATO allies since the 1920's and we are the primary supplier of CBRN respiratory equipment to the United States DOD Army, Navy, Marines, Air Force and Special Operations Forces.



BioFire Defense Safeguarding Humanity

At BioFire Defense we deliver a fully integrated suite of biological agent identification products, including the FilmArray system, and life science systems to the biodefense and first responder community. Our contribution to society includes products and ideas that speed up medical results, help people stay healthy and make communities more secure. Simply put, we make the world a safer and healthier place.



CRISTANINI

CRISTANINI, established in 1972, is a world market leader in the development, research and production of systems and products for the decontamination and the detoxification of chemical, biological, radiological and nuclear CBRN agents. With more than 40 years of experience, CRISTANINI developed a wide range of capabilities in relation with CBRN decontamination and detoxification for military and civil defence purposes. R&D programs are conducted in cooperation with university institutes and military labs. The company is NATO manufacturer A5009 since 1987, it has NATO AQAP 2110 product quality certificate and ISO 9001:2008 company quality certificate.



Emergent BioSolutions

Emergent BioSolutions is a global specialty pharmaceutical company which offers specialized products to address unconventional health threats. They are dedicated to protecting and enhancing life. Their exclusive product portfolio includes medical countermeasures for Chemical and Biological threats including Anthrax, CWA, many Pesticide-Related Chemicals, Botulism and Complications from Vaccinia Vaccine.



Environics

Environics is the world leading supplier of Chemical, Biological, Nuclear and Radiation (CBRN) detection devices and integrated solutions ranging from personal safety to national security. We provide innovative solutions for the whole safeguarding society from civil defense and homeland security to the military. Behind our comprehensive range of products and solution is a highly competent team of experts having years of experience in the implementation of demanding projects in the fields of CBRN and industry.



FLIR Detection

FLIR Detection is a leading supplier of field-ready products that accurately detect, classify, and identify critical CBRNE threats. Our multi-purpose products easily transition into new roles as the mission changes allowing our customers to extract the most value for their dollar. We integrate mission-based user interfaces to expedite decision making for both field operators and advanced technicians. Not only do our advanced detection technologies provide lab-quality confidence, the results are field-proven in third party tests and in real life missions. We offer smart, simple, and selective products – no matter where the mission takes you.



Proengin

Proengin develops and manufactures biological and chemical warfare agents field detectors using flame spectrometry: AP4C-handheld chemical detector for CWA, TICS and NTAs, AP4C-V aboard wheeled, tracked, Unmanned Ground Vehicles (UGV) and Unmanned Aerial Vehicles (UAV) reconnaissance vehicles, AP4C-F for critical buildings and ships, MAB-for biological alarm, AP4C-VB and AP4C-FB for simultaneous Chemical and Biological detection.



Bronze Sponsors

Bruker Detection is a leading global specialist producing Chemical, Biological, Radiation, Nuclear, Explosive detection equipment and total solutions. Widely regarded as the development and manufacturing expert of easy to use, robust and reliable instruments, our product line ranges from handheld to stand-off detectors and complete solutions for platform integration and critical infrastructure protection. Our latest novel innovations have expanded our portfolio to include trace drugs and explosives detection.

Bruker Detection – Innovation with Integrity!



Losberger RDS has been specialized in the support of men and equipment in the civil and military markets for decades. Losberger RDS took over BACHMANN and TMB activities. The company is part of the Losberger Group, international leader of metal and textile structures mainly intended for the events' industry.



Smiths Detection offers advanced security solutions in civil and military markets worldwide, developing and manufacturing government-regulated technology products that help detect and identify explosives, chemical and biological agents, radiological and nuclear threats, weapons, narcotics and contraband. It is part of Smiths Group, a global leader in applying integrated, advanced technologies to markets in threat and contraband detection, energy, medical devices, communications and engineered components. Smiths Group employs around 23,000 people in more than 50 countries.



Exhibitors

The TacticID (B&W Tek) is a handheld instrument designed for non-contact analysis by law enforcement, bomb squads, and hazmat teams. It utilizes lab-proven Raman spectroscopy, giving users real-time identification of unknown chemicals, explosives, and narcotics while reducing operational uncertainty and response time without compromising the integrity of samples or chain of evidence.



Bertin Technologies with the acquisition of Saphymo Group provides now expertise on CBRN threat detection systems, either Chemical with the SecondSight MS, a stand-off chemical gas cloud detector suited for military and civil protections; Biological with the Coriolis Recon, a portable bio-air sampler; Radiological and Nuclear with Saphymo's dosimeters, survey meters, environmental radiation monitoring systems and access control portals.



Bruhn NewTech's core business is the development of CBRNe Information Management software and Sensor Connectivity Management software and hardware. We have a team of specialist personnel including Software Developers, Defence and Public Safety Practitioners and CBRNe Subject Matter Experts. Based on more than 28 years of CBRN domain experience, our specialist skills are focused on the development and provision of highly effective CBRNe Incident Management Decision Support Tools, targeted specifically to address the challenges of both conventional and asymmetric threats.



Cobalt's product Resolve™ enables true through-barrier hazardous and contraband materials ID; a new capability for Hazmat, EOD and law enforcement. The system works through non-metallic barriers such as coloured plastics, glass, paper, card, sacks and fabrics. Comprehensive library materials include explosives, precursors, toxic industrial chemicals, chemical warfare agents and narcotics.



Control Equipment Global is part of the Control Equipment Group of Companies that were formed in 1977 to provide gas detection solutions. The company is focused on protecting the health and well being of people by supplying gas monitoring solutions that detect the presence of harmful gases in the local environment, especially those that pose toxic and neurological threats.



First Line Technology designs, manufactures, and supplies disaster preparedness and response equipment like our medical ambulance bus (the AmbuBus®), our PhaseCore® Cooling Vests, and our line of decontamination equipment. Our decon equipment includes FiberTect® activated carbon dry decon, a three-layer nonwoven composite substrate for CBRN Decontamination. We work with first responders and the military to develop innovative products that make their jobs easier and their lives safer.



MEI is the global Major Events support network giving clients the edge by providing greater connectivity, greater market profile and complete campaign management. We offer a complete and multi-layered servicing approach depending on a client's business objectives and market requirements ranging from entry level membership to the Major Events Network, to extended services and short term project based work; right through to strategic business development and ongoing business support.



Mirion Technologies Health Physics Division provides Radiation Detection and Protection Instruments. Our organization is comprised of 1000 talented professionals in total who are passionate about delivering world class products, services, and solutions for protecting people, property and the environment. Mirion Technologies offers products and services from over a dozen facilities in North America, Europe, and Asia.



ORTEC is a leading manufacturer of instrumentation and solutions focused on detecting and identifying Nuclear, Chemical, and Explosive threats. ORTEC's strong commitment to hardware design for critical applications has earned their products to be recognized as the "Gold Standard" for providing accurate identification solutions to the difficult challenges CBRNe missions face globally.



Pony Industry Co., Ltd. was founded in 1965 by Non-Destructive Inspection Co., Ltd. (NDIC). We started out as a part of this organization, with the plan to create "Safe" and "Peaceful" society. To achieve the goal, we offered various inspection systems and materials, adopted new technology, developed total-inspection systems, and furthermore started the sales and support of security-related products with leading-edge technology.



RST, with headquarters in Miami, is a world leader in the research, design and production of personal-protective systems for ionizing and nuclear radiation. RST product line includes the Demron Class 2 PPE, the thermally conductive Demron ICE PPE, high energy nuclear blanket and vests. Whether the threat is radiological, chemical, biological, nuclear or heat stress, RST is the only company that provides the universal protection against all threats.



Scott Safety are world leaders in the design and manufacture of respiratory protection. Scott's technologies demonstrate configurable and integrated solutions for high protection factor – low user burden facemasks and filters, powered air purifying respirators and positive pressure breathing apparatus especially for CBRNe and damage control operations. Scott's customer base includes military and civil defense customers on all 6 continents.



Thermo Fisher Scientific is the world leader in serving science, with revenues of \$17 billion and more than 50,000 employees in 50 countries. Our mission is to enable our customers to make the world healthier, cleaner and safer. Our portable Raman and FTIR analyzers allow military, law enforcement and border security agencies to identify narcotics, explosives, CWA's and other hazardous chemicals in the field.



TSI mask fit-testing equipment test the fit and integrity of CBRN protective masks quickly and reliably, gives first responders, homeland security, and military personnel the information they need to properly select, wear and maintain a CBRN protective mask. In addition, TSI Bio-Aerosol Triggers alert personnel of the potential presence of a biological threat and trigger sample collection and identification systems for threat confirmation.



The Commercial Section of the US Embassy, Tokyo (CS Tokyo) is the trade promotion arm of the U.S. Department of Commerce's International Trade Administration. Our global network of trade professionals connects U.S. companies with international buyers, providing them with market intelligence, trade counseling, business matchmaking, advocacy/commercial diplomacy support.



To exhibit or sponsor please contact david.levitt@cbrneworld.com or james.ross@cbrneworld.co.uk

CBRNe CONVERGENCE Asia

Welcome to our 9th year of CBRNe Convergence events. We are very excited to be holding it in Tokyo this year and have a very strong line up of speakers and contributors who will be presenting to delegates over the period 1-2 June 2016.

In this brochure you will find the full conference programme, together with details of all our sponsors and exhibitors. You will also notice that we are going to be organising a live demonstration from the Japan Ground Self-Defence Force (JGSDF) and Tokyo Metropolitan Police Department (TMPD) at the end of the first day. Our demonstrations are always popular and show Convergence in action.

Day One will focus on Regional Threats and we have keynote speakers Kiyotaka Takahashi, Superintendent General of the Tokyo Metropolitan Police, Major General Shunji Yoshino, Commandant from The Chemical School, Camp Omiya and Katsunori Imai, the Executive Director of Security, Tokyo Organising Committee of the Olympic and Paralympic Games taking the floor.

Day Two focuses on the very topical High Visibility Events and features highly experienced international speakers who have managed events such as the Rugby World Cup, Confederations Cup, Rose Bowl, Nato Summit, London Olympics 2012.

Our exhibition hall is almost full and our list of delegates is growing fast. Should you wish to be one of our exhibitors, please contact David Levitt (david.levitt@cbrneworld.com) or James Ross (james.ross@cbrneworld.com) for rates and positions still available.

We offer different packages and promotions for different delegate types* and are delighted to offer discounts for group bookings. We offer 20% discount for delegate bookings of 5-10 delegates and for 11+ we offer a 30% discount. For more than this please email convergence@fuseevents.org for further information.

To register online please visit www.cbrneworld.com/cbrneconvergenceaia and follow the instructions.

We run two international Convergence events per year and our next CBRNe Convergence Conference will be held in San Diego, CA, USA on 31 October – 2 November 2016 if you would like to join us. www.cbrneworld.com/convergence2016

We look forward to meeting you.

The CBRNe Conference Team

*Civil/Military/Govt/Responders:

Japanese - £125, Regional - £350, Other - £580, Commercial - £945

