WINS Workshop Announcement

ASSESSING VULNERABILITIES – AN INTEGRATED AND COMPREHENSIVE APPROACH

PARIS, FRANCE | 12–14 April 2016

Location: Marriott Rive Gauche

BACKGROUND

More and more nuclear organisations are realising that security is a strategic business risk that must be integrated with other core business functions in order to respond effectively to the constantly evolving threat. This requires developing a comprehensive, board-endorsed security strategy that is part of an enterprise-wide risk management framework. It also requires that organisations continuously improve the effectiveness of their security programmes and better integrate their security arrangements with other core business functions.

To take decisions and effectively allocate financial and human resources, leadership need to clearly understand the security vulnerabilities and risks. This requires a consistent, comprehensive risk assessment process based on methodologies that demonstrate whether the security programme is integrated, robust, and efficient. Examples of such methodologies include vulnerability assessments, leading and lagging performance indicators, and data analytics.

Some organisations are now combining the outputs of these methodologies to develop a more accurate, comprehensive assessment of the strengths and weaknesses of their security arrangements and to better anticipate and prevent potential vulnerabilities. The emergence of data analytics methodologies and tools strongly supports such efforts.

OBJECTIVES

The workshop will focus on the key elements of an effective nuclear security programme. In particular, it will explore the role of vulnerability assessments (VAs) in measuring the programme's performance. Experts who have designed and implemented evaluation programmes, especially VA methodologies and tools, will share their experiences and lessons learned.

This event will also address methods for integrating such disciplines as cyber security, nuclear safety, and nuclear material accountancy and control into the VA process. In addition, it will explore how to ensure a standardised approach to conducting VAs within a company or a country and how organisational and cultural factors, such as employee attitudes about security or decisions made in other parts of the organisation, such as the Engineering or Human Resources Departments, can affect the accuracy of the data on which VAs rely.

The workshop will use hypothetical case studies and examples to encourage discussions about the security issues that nuclear power plants and other major nuclear fuel cycle facilities are facing. In addition, it will incorporate experiences from other critical infrastructure sectors such aviation, energy and transport.

MAIN DISCUSSION TOPICS

The key issues and areas to be covered by the workshop will include:

1. The main elements of a comprehensive nuclear security strategy and the key stakeholders involved in the development of an effective nuclear security programme.
2. The various organisational arrangements for security and how they impact the performance of the entire nuclear security programme;
3. Specific methodologies and tools for developing enterprise-wide vulnerability assessments that combine physical and cyber threats from both internal and external adversaries;
4. The importance of developing a standardised process for conducting vulnerability assessments and risk analyses;
5. How internal factors (e.g. available resources, human factors, management culture, training) and external factors (e.g. regulatory requirements, cultural factors) impact the performance of security arrangements and the quality of the data underlying the VA.

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WORKSHOP PROCESS

The workshop will be held in English. Participation will be limited, so please let us know as soon as possible if you wish to attend this event. Attendees will be expected to meet their own costs for travel and accommodation, but all workshop-related costs will be met by the organisers. **No registration fee is required!**

In line with WINS' innovative approach to Best Practice Workshop, this event will be interactive and professionally facilitated. The workshop will be built around a number of presenta-tions from invited expert speakers and breakout sessions to further explore the topic and to listen to participants' experi-ences and lessons learned. An instant Electronic Voting system will be used to allow participants to anonymously "vote" using keypads, providing their views on questions put to the workshop. Discussions will be subject to Chatham House rules (what was said can be reported, but not attributed). Based on the workshop's findings, WINS will revise its International Best Practice Guides (BPGs) and other publications related to this topic.

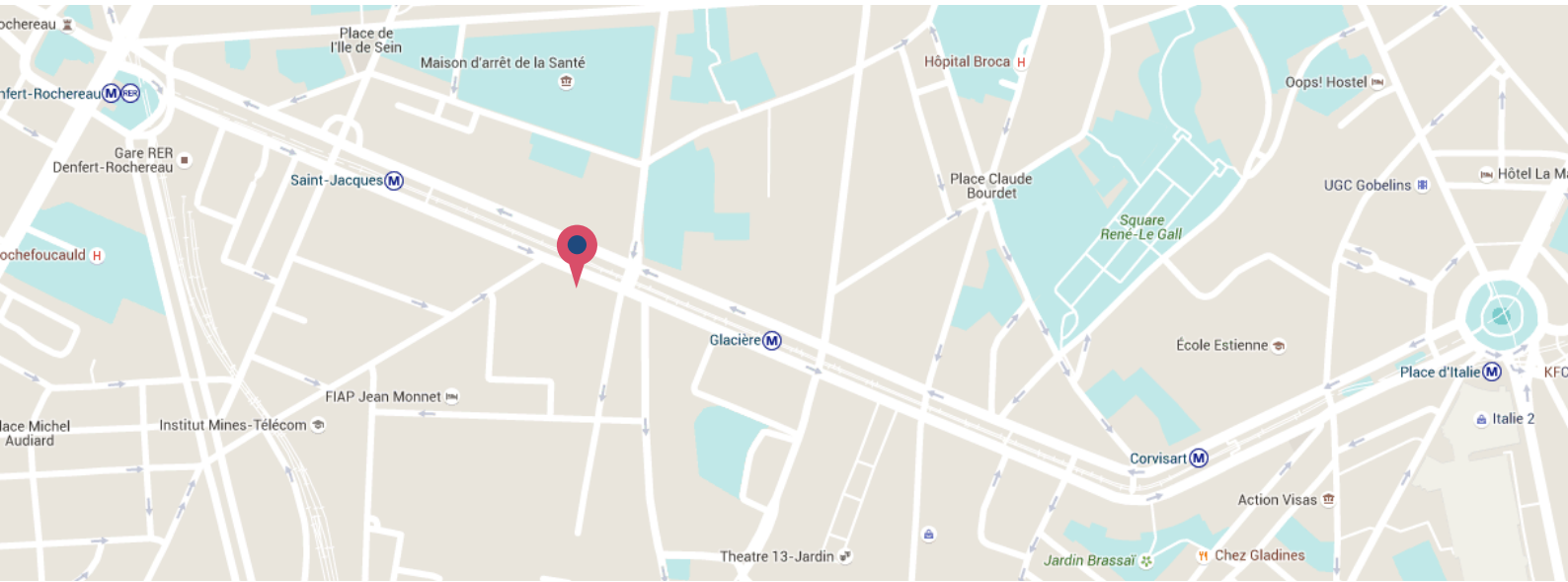
TARGETED AUDIENCE

- Senior managers from nuclear operating organisations
- Physical security and cyber security professionals
- Safety specialists and other risk management professionals
- Regulatory authorities and technical support organisations
- Law enforcement and other governmental agencies
- Representatives from International organisations
- Representatives from critical infrastructures

WORKSHOP LOCATION

Paris Marriott Rive Gauche Hotel & Conference Center
7 Boulevard Saint-Jacques, 75014 Paris, France

www.marriott.com/hotels/travel/parst-paris-marriott-rive-gauche-hotel-and-conference-center/



CONTACT INFORMATION AND REGISTRATION

If you wish to register or obtain more information on this event please visit the workshop page or contact:

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