

Event Programme

13 September 2018

[University of Bristol](http://www.bristol.ac.uk), School of Chemistry



Nuclear Security Conference 2018

“Innovation and Integration”

The event transcends the boundaries between the Defence and Civil nuclear sector, offering a unique opportunity to hear the latest developments that are pushing the boundaries of innovation and being applied to integrate safety and security across nuclear sector Projects. **Opening at 11:30 delegates are invited to join for a light buffet lunch**

Time	Agenda	Presenter
12:30	Welcome and setting the scene	Chris Chater URENCO Ltd, Chief Operating officer
Delivering innovative solutions		
	<ul style="list-style-type: none"> Academic advances assisting and expanding opportunities to improve and invitation 	Tom Scott, University of Bristol
Integration of safety and security by design in new build nuclear projects		
	<ul style="list-style-type: none"> Approaches to the incorporation of safety & security by design into civil nuclear new build and new infrastructure projects across the broader civil and defence estate; How early engagement has reduced the frequency of dramatic safety/security trade-offs, and improved nuclear safety and security proportionate to the risk; The benefits of joint working to integrate security into broader aspects of nuclear and enterprise infrastructure design, to create effective defence and organisational efficiency. 	Chair: Mark Neate Sellafield Ltd, Executive Director Environment, Safety & Security Steven Rumbold, EDF Energy Barrie Cran, Horizon Nuclear Power
Implementing and guiding security in a regulated environment		
	<ul style="list-style-type: none"> Early lessons learnt from preparatory and pilot activities to address the expectations of new security regulations for both civil nuclear and defence nuclear environments.; The impact of increased emphasis on leadership, culture and competence and its expected long-term impact on disciplined operations in areas of physical protection, cyber security and workforce trustworthiness; How businesses align their regulatory responsibilities and own business risk appetite. 	Chair: Jim Neal, Samarkand Group, Director Jeremy Edwards, National Nuclear Laboratory Nicola Stanton, Ministry of Defence
Personnel Security innovation		
	<ul style="list-style-type: none"> How workforce trustworthiness is being enhanced, whilst demographic of the UK nuclear industry changes; The developing skillset and culture requirements for those entrusted with ensuring personnel security effectiveness and defeating the insider; The impact of improved understanding of defence-in-depth measures to enable better alignment of personnel security to business needs and protection of company sensitive information. 	Chair: Sarah Beacock Nuclear Institute, CEO Mike Johnson, Office for Nuclear Regulation Jonny Price, EDF Energy Graham Simpson, AWE
15:10	Refreshment break	
Innovation in protecting the supply chain		

<ul style="list-style-type: none"> ▪ Overview of regulatory expectation and legislative landscape surrounding Sensitive Nuclear Information in the supply chain ▪ Efforts to revitalise and align supplier assurance methodologies including the development of the Regulation 22 Duty holder portal (successor to List-N) ▪ Views from within the supply chain and trade association 	<p>Chair: Bruce Jackman NDA, Security Manager</p> <p>Paul Shanes Office for Nuclear Regulation Dave Clarke, Jacobs John Pringle, AWE</p>
Purpose driven metrics to optimise assurance	
<ul style="list-style-type: none"> ▪ The effectiveness of metrics to inform Board and Executive understanding of nuclear/commercial risk exposure, internal capability and agility, and the impact of organisation culture; ▪ Different approaches to assurance information, including the differences in utility between metrics and assurance for Government/Regulators and internal business need; ▪ The potential positive disruptive effect of nuclear cyber security insurance. 	<p>Chair: Jasbir Sidhu Corporate Risk Associates, Director</p> <p>Gary Wilkinson, Sellafield Ltd Mark Popplewell, Nuclear Risk Insurers Will Ollerhead, ETC</p>
Optimising security forces training and integration	
<ul style="list-style-type: none"> ▪ How joint approaches to training and exercising between businesses, police forces, and contract guard forces have enhanced overall defence-in-depth effectiveness; ▪ The delivery and impact of innovative technologies for the guarding and armed response capabilities; ▪ Maintaining the readiness of non-security staff, guards and armed response forces through simulation and force-on-force exercising. 	<p>Chair: Tom Parkhouse Office for Nuclear Regulation</p> <p>Bob Officer, International Nuclear Services Tim Needham, Civil Nuclear Constabulary Kevin Bailey, HM Naval Base Clyde</p>
18:20	Reflections from the chair
Invitation to continue your conversations at a networking drinks reception kindly hosted by the Nuclear South West Hub	
19:30	Depart
* Circumstances may occur that prevent as published participation and could lead to a topic alteration.	

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