

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
12:40 – 13:00	Delivering innovative solutions	
	The need to support innovation in nuclear	Tom Scott, University of Bristol
13:00 – 13:50	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
13:55 – 14:30	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
14:30 – 15:15	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
15:15	Refreshment break	
15:45 -16:40	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 chainEfforts 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	Chair: Bruce Jackman NDA, Security Manager
Paul Shanes Office for Nuclear Regulation Dave Clarke, Jacobs John Pringle, AWE	
15:45 - 16:45	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.	Chair: Jasbir Sidhu Corporate Risk Associates, Director
Gary Wilkinson, Sellafield Ltd Mark Popplewell, Nuclear Risk Insurers Will Ollerhead, ETC	
17:45 –18:20	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.	Chair: Tom Parkhouse Office for Nuclear Regulation
Bob Officer, International Nuclear Services Tim Needham, Civil Nuclear Constabulary Kevin Bailey, HM Naval Base Clyde	
18:20	Reflections from the chair Chris Chater
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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