

### **CRA's 8<sup>th</sup> Annual Risk Forum: 'Next Generation Risk Analysis'**

This is the finalised agenda for CRA's 8<sup>th</sup> Annual Risk Forum. The line-up contains an impressive range of speakers from mission critical industries, which should provoke some interesting debates.

#### **Day One – Wednesday 04 October 2017**

Please note this timetable may be subject to change.

<b>Time</b>	<b>Session</b>	<b>Speaker (s)</b>
09:00 – 09:45 AM	<b>Registration</b>	
09:45 – 10:00 AM	Welcome	<b>Jasbir Sidhu, CEO CRA</b>
10:00 – 10:35 AM	Computational Risk Assessment	<b>Curtis Smith, Directorate Fellow in the Risk Assessment and Management Services Department, Idaho National Laboratory</b>
10:35 – 11:10 AM	Advances in aviation safety culture practices	<b>Barry Kirwan, Eurocontrol</b>
11:10 – 11:30 AM	<b>Break</b>	
11:30 – 12:05 PM	Using the PSA to develop a safety case for degraded electrical phase faults.	<b>Becky Mogridge and Rhys Kearney – EDF Energy</b>
12:05 – 12:40 PM	An alternative approach to including uncertainties in Seismic PSA	<b>Lavinia Raganelli, CRA and Imperial College and Keith Ardron, Consultant &amp; Senior Research Fellow at Imperial College</b>
12:40 – 12:55 PM	The Emerging Risks of Ignoring Gender Diversity	<b>Rosie Anderson and Claire Farrow – Outsource UK</b>
12:55 – 1:55 PM	<b>Lunch</b>	
1:55 – 2:30 PM	New challenges and opportunities for Model-Based Risk Analyses	<b>Antoine Rauzy, Computer Science, Norwegian University of Science &amp; Technology, Trondheim</b>

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**Day One continued – Wednesday 04 October 2017**

<b>Time</b>	<b>Session</b>	<b>Speaker (s)</b>
2:30 – 3:00 PM	Human Reliability Assessment (HRA) – The Future. A View from Both Sides of the Pond.	<b>Ron Boring, Idaho National Laboratory and Les Ainsworth, CRA Synergy</b>
3:00 – 3:30 PM	<b>Panel Session: Ron Boring, Les Ainsworth and Barry Kirwan</b>	
3:30 – 3:50 PM	<b>Break</b>	
3:50 – 4:25 PM	Scanning a Seascape Today and Tomorrow	<b>Allan Bain</b>
4:25 – 5:00 PM	Finding a Unified Approach to Safety and CyberSecurity: An Evolving Challenge	<b>Emma A Taylor, Lead System Safety Engineer, RSSB (Railway Safety and Standards Board)</b>
5:00 – 5:15 PM	<b>Q&amp;A and day session finish</b>	

**Day One: Evening Meal - Wednesday 04 October 2017**

6:45 – 7:30 PM	Pre-dinner drinks reception
7:30 PM	Forum Dinner

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**Day Two – Thursday 05 October 2017**

<b>Time</b>	<b>Session</b>	<b>Speaker (s)</b>
09:30 – 10:05 AM	Initiators and All Barriers: a dynamic method for all PSAs	<b>Anders Olsson, Principal Consultant, Lloyd's Register</b>
10:05 – 10:40 AM	Risk Monitoring: Past, Present & Future at Heysham 2 and Torness	<b>Jonas Englund, EDF Energy Generation (UK)</b>
10:40 – 11:00 AM	<b>Break</b>	
11:00 – 11:35 AM	The human element in development and operation of technical infrastructure systems	<b>Tom Willcock, Auster Consulting Services and Clare Borrás, CRA</b>
11:35 – 12:10 PM	Development of New PSA Tools	<b>Mohamed Hibti, EDF France</b>
12:10 – 12:45 PM	Are we there yet? Reflections on Three Decades in Risk Assessment	<b>Andrew Buchan: President of The Safety and Reliability Society</b>
12:45 – 1:00 PM	<b>Question and Answer Session</b>	
1:00 PM	Risk Forum Close – Lunch and Delegates Departure	

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