

## UK Project on Nuclear Issues Annual Conference 2012 'Nuclear Stability: From the Cuban Crisis to the Energy Crisis'

10 May 2012

HMS President, Victoria Embankment

0800 Registration  
Coffee and Pastries

0845 Conference Welcome  
**David Jarvis CBE**, Director, UK PONI

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0850 **Session One: Morning Keynote Addresses**

Chair: **Professor Malcolm Chalmers**, Director of Research, RUSI

Speaker: **The Right Honourable Lord Hutton of Furness**, Chairman, Nuclear Industries Association

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0920 **Session Two: Crisis and Stability – Observations from the Last 50 Years**

Chair: **Gill Bennett OBE**, Former Chief Historian, Foreign and Commonwealth Office

Speakers: **John K Warden**, Research Assistant, Center for Strategic and International Studies  
*'The Cuban Missile Crisis: Lessons for Strategic Stability'*

**Paul Burton**, National Nuclear Security Programme, AWE  
*'A Tale of Two Crises'*

**Fiona Parker**, Sensors and Nucleonics Controls Engineer, Rolls Royce Submarines  
*'The Last 50 Years of UK Nuclear Energy: Implications for Future Stability'*

**Commander Andy Corbett**, PhD Candidate, King's College London  
*'British Nuclear Deterrence: The Evolution of the Debate'*

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1035 Break

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1055      **Session Three: The Letter of Last Resort**

Performance: 'The Letter of Last Resort', presented by the Tricycle Theatre

Speaker:      **Commodore Tim Hare (Ret)**, Former Director of Nuclear Policy, UK Ministry of Defence and Consultant for 'The Letter of Last Resort'

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1210      Lunch

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1255      **Session Four: Nuclear Energy and Non-Proliferation**

Chair:          **Dr Paul Hollinshead**, Director of Science and Innovation, Department of Energy and Climate Change

Speakers:      **Dr Stephen Ashley**, Research Associate, University of Cambridge  
*'Proliferation Resistance of Thorium-Uranium Fuelled Nuclear Reactors'*

**Eben Harrell**, Managing the Atom Project, Harvard Kennedy School  
*'Consolidating Fissile Material: Next Steps to Prevent Nuclear Terrorism'*

**Matthew Gill**, PhD Candidate, University of Manchester  
*'Proliferation Resistance of Fast Reactor Fuel Cycles Using the UK's Plutonium Stockpile'*

**Otso Iho**, MA Student, King's College London  
*'The Nuclear Future of the Korean Peninsula'*

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1425      **Session Five: Flashpoints – Threats to Stability**

Chair:          **TBC**

Speakers:      **Alex Bollfrass**, MA Student, Princeton University  
*'Crisis Stability of an Iranian Virtual Nuclear Arsenal'*

**Salma Shaheen**, PhD Candidate, King's College London  
*'Tactical Nuclear Weapons in South Asia: A Factor of Stability or Instability?'*

**Jake Thompson**, Core Thermal Performance, Rolls-Royce Submarines  
*'The Growth of an Indian Nuclear Navy'*

**Heather Williams**, Research Associate, Centre for Science and Security Studies  
*'The Petulant Child in the Geopolitical Sandbox: North Korea's Cycle of Provocation and Negotiation'*

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1555 Break

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1620 **Session Six: Geopolitics and Regimes**

Chair: **Dr Alan Heyes OBE**, Senior Visiting Research Fellow, Centre for Science and Security Studies

Speakers: **Dr Andrew Futter**, Lecturer in International Politics, University of Leicester  
*'Nuanced US Deterrence: Treating the Symptoms or Drivers of Nuclear Threat?'*

**Tristan Derry**, International Centre for Security Analysis  
*'China's New Security Concept and its Changing Position on Non-Proliferation'*

**David Cliff**, Researcher, VERTIC  
*'Multilateral Approaches to Future Warhead Dismantlement Verification'*

**Matthew Cottee**, Research Associate, Centre for Science and Security Studies  
*'The Nuclear Security Regime and Its Role in Nuclear Stability'*

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1750 **Closing Remarks**

**Rear Admiral S J Lloyd**, Chief of Strategic Systems Executive, Royal Navy  
with  
**Franklin Miller KBE**, Non-resident Senior Advisor, CSIS

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1820 Conference closes

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1830 Evening drinks reception

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1920 Dinner

**Session Seven: Evening Keynote**

Chair: **Dr Richard White**, Strategic Systems Assessment, AWE

Speakers: **Bruce George**, Former Member of Parliament for Walsall South