UK Project on Nuclear Issues 2019 Annual Conference

Thursday 13 June 2019 RUSI, 61 Whitehall, London SW1A 2ET

0830

Registration and Welcome Coffee
Library

0900

Opening remarks – Tom Plant, Director UK PONI

0910

Morning Keynote
Duke of Wellington Hall
Chair: Tom Plant, Director UK PONI
Speaker: Nicole Kett, Director, Resources and Policy, Defence Nuclear Organisation, Ministry of Defence

0955

Session One: UK Nuclear Policy and Practice
Duke of Wellington Hall
Chair: Dr Susan Martin, Centre for Science and Security Studies King’s College London
Speakers:
Thomas Roberts, Systems Engineer Marine & Technology, Babcock
More Than A Mission: The impact of a support solution on submarine availability, cost and safety.
Sophie McCormack, MA Student, Strategy and Security Institute, University of Exeter
British political understanding of the term ‘nuclear deterrence’
Jana Wattenberg, PhD Candidate, Aberystwyth University
The UK and the Ban Treaty

1055

Morning coffee – Library

1115

Session Two: Emerging Issues in Deterrence and Arms Control
Duke of Wellington Hall
Chair: Dr Beyza Unal, Senior Research Fellow, Chatham House
Speakers:
Jamie Kwong, PhD Candidate, King’s College London
A troubling forecast: climate change and the future of nuclear deterrence
Jennifer Edwards, Graduate Systems Engineer, Lockheed Martin UK
Deterrence goes orbital
Madison A. Estes, Associate Research Analyst, Center for Naval Analyses
New Futures for Nuclear Arms Control: Examining a Framework and Possibilities with Hypersonic Weapons
Dr James Johnson, Postdoctoral Fellow, James Martin Center for Nonproliferation Studies at the Middlebury Institute of International Studies
The impact of Artificial Intelligence on Strategic Stability, Escalation and Nuclear Security

1235

Lunch - Library
Lunchtime activity – Project on Nuclear Gaming
Duke of Wellington Hall

Chair
Sam Dudin, Research Fellow, RUSI
Speakers:
Andrew Reddie, University of California, Berkley

Session Three: South Asia: trends and risks
Duke of Wellington Hall

Chair: Nicholas Taylor, Senior Principal Analyst, Defence and Science Technology Laboratory
Speakers:
Dr Salma Shaheen, Graduate Teaching Assistant, King’s College London
The Role of Media in Escalation and De-escalation of Crisis
Syed Adnan, Visiting PhD Candidate, University of Leicester
Tactical nuclear weapons and their role in India-Pakistan relations
Sam Guthrie, Strategic Environment Analyst, Defence Science and Technology Laboratory
AI and Nuclear Deterrence: A pathway to crisis for India and Pakistan
Shounak Set, Marie-Sklodowska Curie Research Fellow, King’s College London
Enduring trajectory versus emerging trends: nuclear South Asia revisited

Afternoon coffee – Library

Session Four: nuclear economies and geographies
Duke of Wellington Hall

Chair: Jack Gritt, President Women in Nuclear UK
Speakers:
Geoffrey Chapman, PhD Candidate, King’s College London
Britain’s Weapons Establishment and Tacit Knowledge: selling skills
Stephen Beckett, Optimisation Engineer, Rolls-Royce Submarines
Nuclear in a changing UK
Thomas Davis, PhD Researcher and Clarendon Scholar, University of Oxford
Could the global transition to Generation IV nuclear reactors strengthen Russia’s growing sphere of influence?

Closing Remarks
Duke of Wellington Hall

Speaker: Tom Plant, Director, UK PONI

Drinks Reception – Library

Dinner – Duke of Wellington Hall

Dinner Keynote

Chair: Professor Malcolm Chalmers, Deputy Director-General RUSI
Speaker: Lars-Erik Lundin, Senior Fellow, Institute for Security and Development Policy Sweden