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

0910 Morning Keynote
Duke of Wellington Hall
Chair: Tom Plant, Director UK PONI
Speaker: Nicole Kett, Director, Resources and Policy, Defence Nuclear Organisation, MoD - TBC

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

1125 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 Estes, Associate Research Analyst, Center for Naval Analysis
Counter force cross domain arms control: a new framework for the US and RUSSIA
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

1245 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
Dr Laura Epifanovskaya, Sandia National Laboratories

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
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

Session Four: nuclear economies and geographies
Duke of Wellington Hall

Chair: TBC
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: TBC
Speaker: Lars-Erik Lundin, Senior Fellow, Institute for Security and Development Policy Sweden