

HADSS 2024

Historical Analysis for Defence and Security Symposium

Creative Centre, York St John University, York YO31 7EX

Monday 8th July

1130–1345 **Registration and Lunch**

1350 Local organizers *Welcome & Orientation*

1400–1515 Niall MacKay and Jamie Wood *From Dogger Bank to Operation Sea Lion
statistical innovation in historical analysis*

Colin Irwin *An Introduction to Historical Analysis in Dstl*

Richard Underwood *The application of historical analysis in the development
and validation of the land operations wargame Cirsum*

Tea

1550–1705 Peter Lloyd *The U-boat Commander's Handbook: how Doenitz lost the Battle of the Atlantic*

John Magill *The Battle of the Atlantic revisited*

Paul Strong *The Ace Paradox: why German tactical and operational leadership failed in WW2*

from 1830 **Informal Dinner** at *Las Iguanas*, Back Swinegate, YO1 8AD



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Tuesday 9th July

- 0910–1025 Pieter Francois *World history quantified: Using religious tolerance data to understand what makes societies peaceful*
- Jim Storr *The Myth of Urban Exceptionalism*
- Ritchie Lloyd-Walker *Listen all y'all: the outrageous luck of Operation Washing*

Coffee

- 1100–1215 Aaron Clauset and
 Kristian Gleditsch *Escalation dynamics and the severity of wars*
- Trygve Smidt *Measuring the effects of intelligence*

Lunch

- 1400–1515 Timothy Noël Peacock *This is (not) a game! Fogs of wargaming from atomic-age accidents to anonymous AI*
- Neil Johnson *Human-machine-AI battlespaces: What could go wrong?*

Tea

- 1550–1705 Andrew Hossack *Historical Analysis of Warship Damage Casualty Distributions to Inform Medical Contingency Planning*
- Thomas Russell *The Territorial Force: lessons for force design and generation*
- Dermot Rooney *Tactical psychology and armoured flame*

Own arrangements for **dinner**.

- 2000- For those who wish, we will gather later for drinks at *Brew York*, Walmgate, YO1 9TT. They do good east Asian food, in case anyone wants to go there earlier to eat.



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Wednesday 10th July

0910–1025	Stephen Coulson	<i>Pendulum of War: Lanchester models of combat</i>
	Ian Robinson	<i>Lanchester's Fighting Strength as an outcome predictor in a simple fire and manoeuvre wargame</i>
	Ian Horwood and Chris Price	<i>The 'Special Relationship', UK Great Power status and the Commonwealth air campaign in Korea</i>

Coffee

1100–1230	Dominic Johnson	<i>Clausewitz's Audacious Claim: Are There Advantages of Boldness in War?</i>
	Sasha Gutfraind	<i>How warfighters manage uncertainty</i>
	Alistair Morley	<i>Armour-geddon: estimating Russian AFV fleet sizes in Ukraine</i>

Lunch

1400–1515	Tom Lucas	<i>Combat Modelling in the U.S. Department of Defense</i>
	Andy Hernandez	<i>Quantifying Authorities, Capabilities, Indications & Warnings, Posture and Deterrence at the Strategic Level</i>
	Iain Overton	<i>How the suicide bomber shaped the modern world</i>

Tea

1550–1705	Julian Spencer-Churchill	<i>Testing the Mahan thesis</i>
	Michael Armstrong	<i>The effectiveness of rocket attacks and defenses in Israel, 2005-2023</i>

1830 **Conference dinner**, ASK Italian, The Assembly Rooms, Blake St, YO1 8QG



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Thursday 11th July

0910–1025 Aviezer Tucker *Epistemology for Historians and Spooks:
Bayesian Analysis of HUMINT Inferences from Sources Dead or Alive*

Chris Lawrence *Force Ratios*

Coffee

1100–1230 Mike Spagat *Deaths in Two Decades of Gaza Wars*

Sorin Matei *Data Military Science: Tools to Analyze the Past and the Future*

Angus Main *Army Operational Research Branch and Conclusion*

Lunch

1345–1800 Excursion to the Yorkshire Air Museum, RAF Elvington



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