



# Cyber Deception Symposium

Wednesday 06<sup>th</sup> November 2019

as at 04/11/ 2019

Hosted by the National Cyber Deception Laboratory

0800 - 0900 Registration and Coffee

0900 - 0910 Welcome and Conference Administration  
**Nick Lindley**, *Director Symposia at Shrivenham*

0910 - 0930 Welcome from the NCDL  
**Darren Lawrence**, *Director of the National Cyber Deception Laboratory (NCDL)*

## Session 1: Moving the Conversation Forward - Cyber Deception for Disruptive Effect

0930 - 1000 Key Note Address  
**Air Commodore Tim Neal-Hopes**, *Head Joint User C4ISR and Cyber, UK Ministry of Defence*

1000 - 1020 The National Cyber Deception Laboratory – The Why, What and How of the NCDL  
**Richard Munslow & Robert Black**, *National Cyber Deception Laboratory (NCDL)*

1020 - 1040 Enabling Cyber Deception: Direction in Making Deception Usable For All.  
**Andrew F**, *National Cyber Security Centre (NCSC)*

1040 - 1100 **Tea and Coffee**

## Session 2: Defending Cyberspace on the Front Foot

1100 - 1120 Cognitive Active Cyber Defence; Finding Value Through Hacking Human Nature  
**Pete Cooper**, *CEO Pavisade & Nonresident Senior Fellow, Cyber Statecraft Initiative, Atlantic Council*

1120 - 1140 Pro-Active Cyber Defence  
**Alister Shepherd**, *FireEye*

1140 - 1200 Cyber Deception in Commercial Practice, Lessons from 5 years of Customer Experiences – Use Cases, Findings and Deployment Methodology  
**Nick Palmer**, *Attivo*

1200 - 1230 *Plenary Discussion*

1230 - 1330 **Lunch**

## Session 3: Cyber Ghost Armies

1330 - 1400 Key Note Address “Disrupting the Enemy through Deception: Reflections from History”  
**David Abrutat**, *GCHQ Historian*

1400 - 1420 Breaking the Honeypot “Effort/Realism” Contention  
**Josh Sims**, *Roke*

1420 - 1440 Can we use Deception & ATT&CK for attack shaping, with today’s technology stack?  
**Dan Brett**, *CounterCraft*

1440 - 1500 *Plenary Discussion*

1500 - 1540 **Afternoon Tea**  
*sponsored by Vertical Knowledge*

**Session 4: Cyber S.O.E**

1540 - 1600 Understanding Operators Online Behaviour and the Effects of Deception for Cyber Security  
**Dr Temmie Shade**, *National Security Agency (NSA)*

1600 - 1620 Sandboxing the Fox – Developing Dynamic and Adaptive Cyber Boobytraps Through Placement and Access  
**Mike Harper**, *Vertical Knowledge*

1620 - 1640 Mission Cyber Deception Development Through Game Theory Attack Predictions  
**Mike Westmacott**, *Thales*

1640 - 1700 *Plenary Discussion*

1700 - 1715 Closing Remarks  
**Rob Black**, *National Cyber Deception Laboratory (NCDL)*

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