

## Cyberpatterns Timetable

### Monday 8 July

Time	Topic
10.00	Registration and coffee
10.45	Introduction to Cyberpatterns
<b>Session 1</b>	<b>Digital Forensics Chair: Benjamin Aziz (Portsmouth University)</b>
10.55	Digital Records Forensics: Integrating Archival Science into a General Model of the Digital Forensics Process – Corinne Rogers (University of British Columbia)
11.25	Early Forensic Detection on Cyber Crimes Based on Social Networks – Ffion Mai Roberts and Liangxiu Han (Manchester Metropolitan University)
11.50	Digital Forensonomics – the Economics of Digital Forensics – Richard Overill (King’s College, London)
12.15	Lunch
<b>Session 2</b>	<b>Cybersecurity Chair: Richard Overill (King’s College, London)</b>
1.15	<b>Invited talk:</b> Utilising Human Factors in the Science of Security – Adam Beautement (UCL)
2.00	Using a Penetration Testing Framework to Develop Attack Syndromes – Clive Blackwell and Aaron Greetham (Oxford Brookes)
2.25	External Validity and Referential Ambiguity in Geospatial Patterns – Harjinder Lallie (Warwick University)
2.50	Coffee
<b>Session 3</b>	<b>Cybersecurity 2 Chair: David Llewellyn-Jones (Liverpool John Moores University)</b>
3.10	Critique of the STIX Threat Representation Framework – Clive Blackwell (Oxford Brookes)
3.35	Online Communities: Visualization and Formalization – Jonathan Bowen (Museophile Limited)
4.00	Small group discussions guided by domain experts in security, forensics and patterns
5.00	Close
7.00	Dinner

## Tuesday 9 July

Time	Topic	
<b>Session 1</b>	<b>Patterns Chair: Hong Zhu (Oxford Brookes)</b>	
9.00	<b>Keynote talk:</b> Security Pattern Assurance through Round-trip Engineering – Amnon Eden (University of Essex)	
10.00	Issues Affecting the Adoption of Security Patterns – Jan de Muijnck-Hughes and Ishbel Duncan (St. Andrews)	
10.30	Coffee	
<b>Session 2</b>	<b>Patterns 2 Chair: Ian Bayley (Oxford Brookes)</b>	
11.00	Requirements for Composite Security Pattern Specification – David Llewellyn-Jones, Muhammad Asim, Qi Shi and Madjid Merabti (Liverpool John Moores University)	
11.30	Multi-Stage Attack Modelling – Zhan Cui, Ian Herwono and Paul Kearney (British Telecom)	
12.00	Use of KAOS in Operational Digital Forensic Investigations – Benjamin Aziz (Portsmouth University) and Clive Blackwell (Oxford Brookes)	
12.30	Lunch	
<b>Session 3</b>	<b>Patterns 3 Chair: Paul Kearney (British Telecom)</b>	
1.30	A Multilevel Approach Towards Challenge Detection in Cloud Computing – Noorulhassan Shirazi (Lancaster University)	
1.55	Security Patterns Considered Harmful? – Shamal Faily (Oxford University)	
2.20	Coffee	
<b>Session 4</b>	<b>Discussion groups</b>	
2.45	Forensics group for further dialogue and potential collaboration	Patterns group for further dialogue and potential collaboration
4.30	Close	