

SICSA Research Theme Activity Report

Please complete all sections of this reporting template and submit within 3 months of your event or activity taking place. This report will allow the SICSA Directors to provide detailed information about the progress of the SICSA Research Themes to the Pool funders, SFC, and your cooperation is appreciated.

Applicant name: **Dr Naghmeh Moradpoor**
 Co-applicant name: **Mrs Lynn Crawford**
 Email address: n.moradpoor@napier.ac.uk; l.crawford@napier.ac.uk
 Institution: **Edinburgh Napier University, CDCS centre and The Cyber Academy**

Title of event: **The truth about cybersecurity in 7 words (poster competition for women in cybersecurity: PCWiCS-2017(<http://thecyberacademy.org/pcwics-2017/>))**
 Location of the event: **Edinburgh Napier University, Craiglockhart Campus, 219 Colinton Road, Edinburgh, EH14 1DJ, United Kingdom**
 Date of event: **10th of May 2017; 10:00 – 12:00 AM**
 From which SICSA Research Theme was this event funded? **Cybersecurity**
 Total funds claimed for event: **£500**

Please outline in brief what took place at the event, providing details of speakers and titles of talks:
The competition aims to inspire women into cybersecurity roles by bringing together the cyber women from across the UK in the form of a poster competition. The event was held in collaboration with Edinburgh Napier University, The Cyber Academy and SICSA on the 10th of May 2017 and in parallel with The International Conference of Big Data in Cyber Security (<http://thecyberacademy.org/bigcyber2017/>). We believe that having PCWiCS-2017 held in parallel with this conference, will assist women in cyber security to understand the demands for cyber security/digital forensics in different organisations.

Accepted posters, participants, judges and the winners:

Accepted Posters – including three winners:

1. Samar Abladi and George Weir. Factors Affecting Users' Judgment of Cyberattacks; **University of Strathclyde [2nd place]**
2. Lisa Fiander. Limitations of Dynamic Malware Analysis; **Abertay University**
3. Riziana Ibrahim and Tim Storer. Evaluation of Digital Forensics Procedures on Cloud Storage Services; **University of Glasgow**
4. Helen Jones and Wendy Moncur. Trust in a secure digital age; **University of Dundee**
5. Abeer Ali, Christos Anagnostopoulos and Dimitrios Pezaros. Virtualized Security Function Placement in Cloud Data Centers; **University of Glasgow [1st place]**
6. Cheryl Torano. IoT for Kids: Cayla Doll Exploit; **Abertay University**
7. Saliha Minhas and Amir Hussain. Corpus Driven Deception Detection in Financial Text; **University of Stirling**
8. Tayyaba Nafees, Natalie Coull, Ian Ferguson and Adam Sampson. Vulnerability Anti-Patterns: Essential Education for Software Developers; **Abertay University**

9. Haifa Al Nasser and Ishbel Duncan. An Investigation of Cloud Virtual Network Isolation Security; University of St Andrew [3rd place]
Poster judges:
1. Dr Ishbel Duncan; University of St Andrews, UK
2. Dr Shahrzad Zargari; Sheffield Hallam University, UK
3. Dr Lynsay Shepherd; Abertay University, UK
4. Dr Sally Smith; Edinburgh Napier University, UK
PC members:
1. Dr Zhiyuan Tan; Edinburgh Napier University (ENU), UK
2. Dr Rameez Asif; Edinburgh Napier University, UK
Organisers:
1. Dr Naghmeh Moradpoor; Edinburgh Napier University (ENU), UK
2. Mrs Lynn Crawford; Edinburgh Napier University (ENU), UK
Please provide details of how many attended and if possible, information about which institutions were represented: Number of ticket sold via Eventbrite: 20 tickets for the participants Number of attendee: 80 attendees (including poster competition participants and The International Conference of Big Data in Cyber Security participants) Institutions: University of Strathclyde, St. Andrew University, University of Dundee, Edinburgh Napier University, Abertay University, University of Stirling, University of Glasgow, Sheffield Hallam University, The Cyber Academy

<p>Outcomes:</p> <p>Please give details of any research papers that have come or are pending as a result of this activity: List of the accepted posters that have been presented by the authors:</p> <ol style="list-style-type: none"> 1. Samar Abladi and George Weir. Factors Affecting Users' Judgment of Cyberattacks; University of Strathclyde [2nd place] 2. Lisa Fiander. Limitations of Dynamic Malware Analysis; Abertay University 3. Riziana Ibrahim and Tim Storer. Evaluation of Digital Forensics Procedures on Cloud Storage Services; University of Glasgow 4. Helen Jones and Wendy Moncur. Trust in a secure digital age; University of Dundee 5. Abeer Ali, Christos Anagnostopoulos and Dimitrios Pazaros. Virtualized Security Function Placement in Cloud Data Centers; University of Glasgow [1st place] 6. Cheryl Torano. IoT for Kids: Cayla Doll Exploit; Abertay University 7. Saliha Minhas and Amir Hussain. Corpus Driven Deception Detection in Financial Text; University of Stirling 8. Tayyaba Nafees, Natalie Coull, Ian Ferguson and Adam Sampson. Vulnerability Anti-Patterns: Essential Education for Software Developers; Abertay University 9. Haifa Al Nasser and Ishbel Duncan. An Investigation of Cloud Virtual Network Isolation Security; University of St Andrew [3rd place] <p>The above posters are available online in PDF format. Please check: (http://thecyberacademy.org/pcwics-2017/)</p> <p>Please provide details of any grant applications that have come or are pending as a result of this activity: This activity has been mentioned in Carnegie Research Incentive Grants scheme. The output of the grant request has not been out yet.</p> <p>Please provide details of any further outcomes that have come as a result of this activity: The participants have been invited for possible publication in the Journal of Cyber Security Technology Special Issue (http://explore.tandfonline.com/cfp/est/tsec-secure-smart-society-in-</p>
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[next-generation-networking-paradigm/](#)) for which Dr Naghmeh Moradpoor is one of the guest editors.

Do you have any plans to bid for further SICSA Theme Funding in the future?

Next Generation Internet and Cyber-Security- 2018 (a poster completion and a research conference)