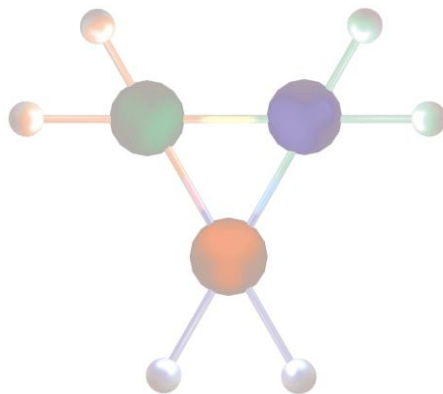
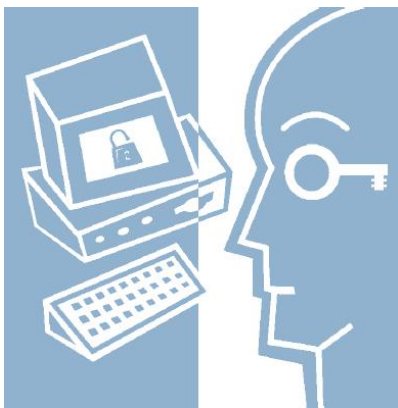


HAISA, INC & WDFIA 2014

Organised by the Centre for Security, Communications and Network
Research, Plymouth University



8 – 10 July 2014

Plymouth University

Programme

Overview

Tuesday 8th July, 2014	Registration (from 08:30) Opening ceremony Paper presentations Boat Trip
Wednesday 9th July, 2014	Paper presentations Conference Dinner
Thursday 10th July 2014	Secure South West

Social Events

Tuesday 8th July, 2014 – Boat Trip

We will assemble at the Robbins Conference Centre at 18:00 and walk to the Mayflower Steps in the Barbican for our departure at approximately 18:30. A buffet will be served during the trip and a cash bar will be available. NB it is advisable to bring a jacket for the boat trip as we will be on the boat until around 22:00.

Wednesday 9th July, 2014 – Conference Dinner

We will assemble at the Robbins Conference Centre at 18:30 for a short walk to Plymouth Marine Aquarium (or meet at the aquarium at 19:00), dinner will be at 20:00.

Please ensure your mobile phone / pager / watch alarms are turned off during the conference sessions.

Tuesday 8th July 2014

09:00-09:15 Introduction and welcome (Main Lecture Theatre)
Prof. Steven Furnell

09:15-10:00 Keynote (Main Lecture Theatre) – "You can never have enough bandwidth", Doug Williams, BT Research

Coffee/Tea Break

Seminar Room One (INC/WDFIA Sessions)

INC Session 1 : [10:30 - 12:00] Chair : Ulrich Trick

Node Status Detection and Information Diffusion in Router Network using Scale-Free Network

A.W.Mahesar, A.Messikh, A.Shah and M.R.Wahiddin {author unable to attend}

A M2M-based Automotive Service Delivery Platform for Distributed Vehicular Applications
M.Glaab, W.Fuhrmann, J.Wietzke and B.V.Ghita

Assay of White Space Technology Standards for Vehicular Cognitive Access
M.Dawood, W.Fuhrmann and B.V.Ghita

Seminar Room Two (HAISA Sessions)

HAISA Session 1 [10:30 - 12:00] Chair: Nathan Clarke

Developing contextual understanding of information security risks
M.Sadok, V.Katos and P.Bednar

Information Security Policy Development and Implementation: A Content Analysis Approach
T.Tuyikeze and S.Flowerday

Engaging Stakeholders in Security Design: An Assumption-Driven Approach
S.Faily

Lunch Break

WDFIA Session 1 : [13:00 - 14:30] Chair : Nathan Clarke

Retrieval and Analysis of Web Search Narratives for Digital Investigations
J.Haggerty and M.Taylor

Digital Evidence Challenges in the Internet of Things
R.Hegarty, D.Lamb and A.Attwood

Towards a Model for acquiring Digital Evidence using Mobile Devices
S.Omeleze and H.Venter

HAISA Session 2 [13:00 - 14:30] Chair : Lynn Futcher

Using Actions and Intentions to Evaluate Categorical Responses to Phishing and Genuine Emails
K.M.Parsons, A.McCormac, M.R.Pattinson, M.A.Butavicius and C.Jerram

A framework to assist email users in the identification of phishing attacks
A.Lötter and L.Futcher

Alternative Graphical Authentication for Online Banking Environments
H.Alsaiari, M.Papadaki, P.Dowland and S.Furnell

A Trust Domains Taxonomy for Securely Sharing Information: An Empirical Investigation
N.A.G.Arachchilage and A.Martin {author unable to attend}

Coffee/Tea Break

INC Session 2 : [15:00 - 16:30] Chair : Bogdan Ghita

An Investigation into User Perceptions of Privacy and Trust and their Real-World Practices
R.Stockton and S.Cunningham (Presented by Vic Grout)

A Privacy-Aware Model for Communications Management in the IP Multimedia Subsystem
J.Ophoff and R.A.Botha

A Self-Learning Network Anomaly Detection System using Majority Voting
D.Hock and M.Kappes

HAISA Session 3 [15:00 - 16:30] Chair : Ingo Stengel

Privacy as a Secondary Goal Problem: An Experiment Examining Control
T.Hughes-Roberts

Reengineering the user: Privacy concerns about personal data on smartphones
M.Tsavli, P.Efraimidis and V.Katos

Shake Hands to Bedevil: Securing Email with Wearable Technology
A.Renkema-Padmos, J.Baum, M.Volkamer and K.Renaud

18:30 Boat Trip and Buffet

Depart from the conference venue at 18:00 to walk to the Mayflower Steps (**NB bring a jacket**)

Wednesday 9th July 2014

09:00-10:00 Keynote (Main Lecture Theatre) – "Any time, any place, anywhere: the growing mobile threat", David Emm, Kaspersky Lab

Coffee/Tea Break

Seminar Room One (INC Sessions)

INC Session 3 : [10:15 - 12:15] Chair : Mark Culverhouse

An Overview of Interworking Architectures in Heterogeneous Wireless Networks: Objectives, Features and Challenges
[O.Khattab](#) and [O.Alani](#)

Issues of Adoption: Can Health Services Designed for Developed Countries be adopted in Developing Countries?

[R.Sembatya](#) and [S.Zawedde](#) {author unable to attend}

Load Balance & Congestion Avoidance in EIGRP Networks by using the Characteristics of the OpenFlow Protocol
[H.Hasan](#) and [J.Cosmas](#)

A Taxonomy of Defence Mechanisms to Mitigate DoS Attacks in MANETs
[A.F.Alsamayt](#) and [J.Haggerty](#)

Seminar Room Two (HAISA Sessions)

HAISA Session 4 : [10:15 - 12:15] Chair : Malcolm Pattinson

Testing How Many Tries to Allow Before Lockout with a Simulation Engine
[K.Renaud](#), [R.English](#), [T.Wynne](#) and [F.Weber](#)

Modelling the Security of Recognition-Based Graphical Passwords
[R.English](#)

Improving internet banking security by using differentiated authentication based on risk profiling
[M.Butler](#) and [R.Butler](#)

An assessment of the human factors affecting the password performance of South African online consumers
[R.Butler](#) and [M.Butler](#)

Lunch Break

INC Session 4 : [13:15 - 14:45] Invited presentation

Life's a RIoT with Spy vs Spy: Looking forward to the 'Real' Internet of Things, the 'Internet of Everything', 'Big Data' and 'Big Connectivity'
[V.Grout](#)

HAISA Session 5 : [13:15 - 14:45] Chair : Kerry-Lynn Thomson

Linking student information security awareness and behavioural intent
[B.Nqogo](#) and [S.Flowerday](#)

Towards an Education Campaign for Fostering a Societal, Cyber Security Culture
[R.Reid](#) and [J.Van Niekerk](#)

Towards Cyber Safety Education in Primary Schools in Africa
[S.von Solms](#) and [R.von Solms](#)

Coffee/Tea Break

INC Session 5 : [15:15 - 16:45] Chair : Vic Grout

Smart Grid Communications: A Renewed Challenge to Multiservice Networking
[F.Ball](#), [K.Basu](#), [A.Maqousi](#) and [T.Balikhina](#)

Connected In-Car Multimedia: Qualities Affecting Composability of Dynamic Functionality
[A.Knirsch](#), [J.Wietzke](#), [R.Moore](#) and [P.S.Dowland](#)

Achieving Improved Network Subscriber Geo-Location
[T.O.Mansfield](#), [B.V.Ghita](#) and [M.A.Ambroze](#)

HAISA Session 6 : [15:15 - 16:45] Chair : Steven Furnell

Users can't be fooled – The role of existing vs. fictitious third party web assurance seals on websites
[N.Bär](#) and [J.Krems](#)

Exploring the Human Dimension in the Beneficiary Institutions of the SANReN Network
[Y.Mjikeliso](#), [J.van Niekerk](#) and [K-L.Thomson](#)

Human Aspects of Information Assurance: A Questionnaire-based Quantitative Approach to Assessment
[E.D.Frangopoulos](#), [M.M.Eloff](#) and [L.M.Venter](#)

16:45-17:00 Closing Ceremony (for conferences)

Conference Dinner

Depart from Robbins Conference Centre at 18:30, arrive at Aquarium 19:00 for welcome drink and walk around exhibits, dinner at 20:00

Secure South West 4 (2014)

Thursday 10th July 2014

Main Lecture Theatre

09:00-09:20 : Registration (not necessary for conference delegates)

09:20-09:30 : Welcome and Introduction, Steven Furnell (Plymouth University)

09:30-10:50

From Cyber-War to Corporate Threats

David Emm, Kaspersky Lab

Authentication - What Next?

Geoff Anderson, PixelPin

Coffee/Tea Break

11:10-12:30

The Government's Cyber Security Strategy

Orla MacRae, Department for Business, Innovation and Skills

Managing Vulnerabilities: Patched or Patchy?

Steven Furnell, Plymouth University

Lunch

13:30-14:50

Promoting Security Awareness

Malcolm Pattinson, The University of Adelaide

PANEL: Are Today's Security Technologies Usable Enough?

Moderator: Steven Furnell

Panel: Geoff Anderson, Andy Barker, Paul Dowland and Ram Herkanaidu

Coffee/Tea Break

15:10-16:30

Building Responsible Information Security Management

Rehan Haque, ISACA International

How Companies get Compromised

Thomas Hackner, Hackner Security Intelligence

16:30 : Closing Comments

Notes