

UKPEW 2011 Programme

Thursday 7th July

9:00–10:00

Registration and Coffee:

- 2nd Workshop and Exhibition on High Speed Network Monitoring
- UKPEW 2011

10:00–10:15

- Welcome: UKPEW 2011 & Workshop and Exhibition on High Speed Network Monitoring

10:15–11:15

Keynote 1: Sharon Besser

Vice President of Technology, Net Optics, Inc., USA

11:15–11:45

Coffee Break/Exhibition

11:45–12:45

Keynote 2: Debashish Choudhuri

Technical Manager - Northern Europe, Splunk, UK

12:45–14:00

- Lunch
- Exhibition
- Registration: UKPEW 2011

UKPEW Sessions

14:00–14:45

Keynote 1: Nektarios Georgalas, BT

Predictive Analytics for Pro-active Network and Service Operations: A Service Assurance Application Case-Study

14:45–15:05

WMTrace - A Lightweight Memory Allocation Tracker and Analysis Framework

Oliver Perks, Simon Hammond, Simon John Pennycook and Stephen Jarvis. Warwick

15:05–15:25

RIOT - A Parallel Input/Output Tracer

Steven Wright, Simon John Pennycook, Simon Hammond and Stephen Jarvis. Warwick

15:25–15:45

The Effect of an Application Performance Modelling Tool

Jessica Smith, Simon Hammond and Stephen Jarvis. University of Warwick

15:45–16:05

Coffee Break

16:05–16:25

Lifetime Improvement by Battery Scheduling

Marijn Jongerden and Boudewijn Haverkort, University of Twente

16:25–16:45

A Computer Model to Enhance Reactive Power Control Using SVC

Labib Daloub, University of West Mountain, Libya

16:45–17:05

Managing Semi-formal Product Data in E-Commerce Applications: A Performance Case Study of Relational vs. XML Databases

Robert Neumann, Reiner Dumke, Andreas Schmietendorf and Matthias Baumann. University Magdeburg and SAP HCC Magdeburg

17:05–17:45

Keynote 2: Stephen Jarvis, Warwick

The Challenge of Performance Engineering at Multi-scale

20:00–... Workshop Dinner at Anam's

9:00–09:30

UKPEW Registration

09:30–09:50

A Queue Conjectured to Bear the Generalised Discrete Half Normal Maximum Entropy QLD
Neelkamal Shah and Demetres Kouvatsos, University of Bradford

09:50–10:10

Load Sharing of Open and Closed Single Workloads of Heterogeneous M/M/1 Queues
David Thomas

10:10–10:30

A ME Algorithm for Arbitrary Open Queueing Networks with Mixed Blocking Mechanisms
Jumma Alanazi, Demetres Kouvatsos and Kevin Smith, University of Bradford

10:30–10:50

Performance Modeling and Analysis of a Handover and Class-Based Call Admission Control Algorithm for Heterogeneous Wireless Networks
Sha Sha and Rosemary Halliwell, University of Bradford

10:50–11:50

Coffee Break + Poster Session

11:50–12:10

Measuring the Energy Use of Thin and Thick Client Desktops
Colin Pattinson and Roland Cross, Leeds Metropolitan University

12:10–12:30

Performance evaluation of dynamic scheduling in a hospital environment
Xiao Chen, Michael Harrison and Nigel Thomas. Newcastle University

12:30–12:50

HydraMP: Exploiting shared memory parallelism in Hydra with OpenMP
Nicholas Dingle, University of Manchester

12:50–13:10

An ns3 based Simulation Testbed for In-Vehicle Communication Networks
Shane Tuohy, Martin Glavin, Ciaran Hughes, Edward Jones and Liam Kilmartin. National University of Ireland and Valeo Vision Systems

13:10–14:10

Lunch

14:10–14:30

On the large scale performance evaluation of an end-to-end V-HYMIS reliable streaming scheme under delay sensitive traffic with finite capacity and intermittent connectivity
Constandinos Mavromoustakis and Helen Karatza. University of Nicosia and Aristotle University of Thessaloniki, Greece

14:30–14:50

Comparison of wrong notification of route failure when using DSR with that of AODV routing
Noor Mast, Thomas Owens and Muhammad Javed. Brunel University and University Technology PETRONAS, Malaysia

14:50–15:10

Cluster Head Optimization for Wireless Sensor Networks
Ahmed Ghneimat, John Mellor and Ping Jiang. University of Bradford

15:10–15:30

Real-time Control using Unpredictable Wireless Channels: Application of Predictive Control Techniques
Usama Abrar, Nauman Israr and Michael Short. Teesside University

15:30–16:00

Coffee Break

16:00–16:20

A Modular Failure-Aware Resource Allocation Architecture for Cloud Computing
Adam Chester, Matthew Leeke, Mohammed Al-Ghamdi, Stephen Jarvis and Arshad Jhumka.
University of Warwick

16:20–16:40

A Realistic Approach to Background Traffic Generator
Orabi Shurrab, Jules Pagna Disso and Irfan Awan. University of Bradford

16:40–17:00

Performance and Security Trade-off for Routers in High-Speed Networks
Demetres Kouvatsos and Guzlan Miskeen. University of Bradford

17:00–17:20

A Performance Evaluation of a Network Intrusion Detection System
Rashid Munir, Adeb Alhomoud , Irfan Awan and Jules Pagna Disso. University of Bradford

17:20–17:25

Closing Remarks