

The 6th Cloud Control Workshop – Programme

Hilton Paddington, London, UK
December 8, 2014
Room GW2 (except opening)

9:25-9:30 *Cloud Control Workshop Introduction (room GW1)*
Erik Elmroth

9:30-10:30 **Keynote: *Cloud Native Cost Optimization*** (room GW1)
Adrian Cockcroft, Battery Ventures, USA

10:30-10:50 *Coffee Break*

Session Chair: Erik Elmroth, Umeå University, Sweden

10:50-11:45 **Keynote: *A Few Control Issues in Warehouse-scale Computing***
John Wilkes, Google, USA

11.45-13.00 **Contributed Presentations: Managing Overload**
Cloud Service Differentiation in Overbooked Data Centers
Luis Tomas and Johan Tordsson

CLOUDFARM: An Elastic Cloud Platform with Flexible and Adaptive Resource Management
Vladimir Nikolov, Steffen Kächele, and Franz J. Hauck

Measuring Cloud Workload Burstiness

Ahmed Ali-Eldin, Johan Tordsson, Erik Elmroth, Oleg Seleznev, and Sara Sjöstedt de Luna

13:00-14:30 *Lunch Break (overlapping with UCC Keynote 13.45 – 14.30)*

Session Chair: Karl-Erik Årzén, Lund University, Sweden

14:30-15:20 **Contributed Presentations: Modelling for Performance Control**
Object-Oriented Modelling and Simulation of Air Flow in Data Centres Based on a Quasi-3D Approach for Energy Optimisation
Alberto Leva, Daniele Mastrandrea, Marco Bonvini and Alessandro Vittorio Papadopoulos

Towards Faster Response Time Models for Vertical Elasticity

Ewnetu Bayuh Lakew, Cristian Klein, Francisco Hernandez-Rodriguez and Erik Elmroth

15:20-16:15 **Keynote: *Rack-Scale Computers and the Cloud***
Ant Rowstron, Microsoft Research, UK

16.15-16.30 *Coffee Break*

Session Chair: Johan Eker, Ericsson Research, Sweden

16.30-16.55 **Contributed Presentations: Managing Elasticity**
On Controlling Cloud Services Elasticity in Heterogenous Clouds
Georgiana Copil, Daniel Moldovan, Hong-Linh Truong, and Schahram Dustdar

16.55-17:55 **Industrial Cloud Control Panel Discussion**
Panelists: Joe Butler, Intel Labs, Ireland
Adrian Cockcroft, Battery Ventures, USA
Ant Rowstron, Microsoft Research, UK
John Wilkes, Google, USA

17:55-18:00 **Closing remarks**
Erik Elmroth