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 Seleznjev, 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