

PCCAT 2011 Timetable

Times	Session	Room
09:30-10:00	Coffee and Registration	Harrison Foyer
10:00-10:15	Welcome	Harrison 101
10:15-11:15	Keynote Speaker: Professor Steve Furber (University of Manchester)	Harrison 101
11:15-11:45	Break	Harrison 103
11:45-12:30	Session 1: Modelling and Design <ul style="list-style-type: none"> • Enhancing Voice Interaction by Providing Visual Feedback for an Assistive Robot – John Paul Vargheese (University of the West of England) • Aquila: Massively Parallelised Developmental Robotics Framework – Martin Peniak, Anthony Morse, Christopher Larcombe, Salomon Ramirez-Contla and Angelo Cangelosi (University of Plymouth) • Kolibri-A: a lightweight 32-bit OS for AMD platforms – Artem Jerdev (University of Exeter) 	Harrison 101
12:30-12:45	Poster Introduction Session	Harrison 101
12:45-13:30	Lunch and Poster Session	Harrison 103
13:30-14:30	Session 2: Human Computer Interaction and Hardware <ul style="list-style-type: none"> • Using Digital Cultural Probes as a requirements elicitation tool for System Design – Alison Flind (University of the West of England) • Requirements and Software Engineering for Tree based Visualisation and Modelling – a User Driven Approach – Peter Hale, Tony Solomonides, Ian Beeson (University of the West of England) • A New Approach to Modelling the Behaviour of Soils – A. Ahangar-Asr, A. Faramarzi, A. A. Javadi, N. Mottaghifard (University of Exeter) • Computer Modeling to Predict Tapered Roller Bearing Design for Manufacturability and Energy Efficiency – Craig Seidelson (University of the West of England) 	Harrison 103
14:30-15:00	Break	Harrison 103
15:00-15:45	Panel Discussion: “The Future of Computing”	Harrison 101
15:45-16:00	Break	Harrison 103
16:00-16:45	Session 3: Evolutionary Computation <ul style="list-style-type: none"> • Biologically-inspired modelling and implementation of the human peripheral auditory system – Xin Yang, Mokhtar Nibouche and Tony Pipe (Bristol Robotics Laboratory) • Evolving sparse multi-resolution RVM classifiers – Andrew Clark and Richard Everson (University of Exeter) • Towards a Formal Classification of Optimisation Heuristics in the Context of Hyper-heuristics – Kent McClymont and Zena Wood (University of Exeter) 	Harrison 101
16:45-17:00	Closing and Prizes	Harrison 101