

# **INSTITUTE FOR PEOPLE-CENTRED COMPUTATION**

## **Supporting Discovery in Design and Innovative Decision-making**

<http://www.ip-cc.org.uk>

### **WORKSHOP IV AGENDA (*Provisional*)**

12th & 13th December, 2007

AT ENGINEER'S HOUSE, THE PROMENADE, CLIFTON, BRISTOL, UK

#### **Workshop Structure:**

The main theme of this Workshop will be related to the developing People Centered Computation system infrastructure and in particular the technologies required to support communication, protocol and collaborative machine and human-based working.

Day one will largely comprise question and discussion sessions centred around a number of invited talks that explore areas relating to software agency and intelligent multi-agent systems. 'Serious Games' technology will also be explored via a presentation and associated discussion to identify potential utility of existing and developing 'edutainment' and gaming software architectures.

Day two will commence with a presentation from an investor / entrepreneur dealing primarily with innovative and creative products with associated discussion. The rest of the day will then concentrate upon the AHRC / EPSRC research project 'People-centred Computation – Establishing a fully Integrated Framework' which commenced in April'07 and concerns the development of an initial framework for People-centred Computational Environments. Presentations the two project researchers (Azahar Machwe and Damien Williams) will be followed by Working Group activities and focussed round-table discussion relating to current findings and output and future direction.

As usual there will be opportunities for delegates to briefly present their areas of interest and current research during the Workshop.

#### **DAY ONE – Wednesday, 12<sup>th</sup> December**

09.30 **Welcome**

09.35 **Current Status of IPCC.**

Ian Parmee  
ACDDM Lab, UWE Bristol

09.45 **Agile Computing and Software Agents for Human-Centered Systems**

Dr. Niranjan Suri  
Institute for Human & Machine Cognition (IHMC), Pensacola, USA

10.45 **Coffee**

**11.00 System of Systems Architecture Generation: Integrating Art of Architecting and Evolutionary Computation**

Cihan H Dagli

Professor of Systems Engineering, Computer Engineering and Engineering Management, Missouri University of Science and Technology, Rolla, U.S.A.

11.40 Questions and Discussion

12.30 **Lunch**

**13.30 Gaming Technologies and Potential Cross-disciplinary Knowledge Exchange I (An Overview)**

Professor Ian Parmee  
ACDDM Lab  
Bristol UWE, UK

**14.30 Gaming Technologies and Potential Cross-disciplinary Knowledge Exchange 2 (Systems and Architectures and Future Possibilities)**

Dr. Simon Lucas  
Intelligent Systems Research Group  
University of Essex, UK

15.30 **Coffee**

15.50 Questions and Discussion

16.40 **Short presentations from delegates\*\***

17.30 **Close**

18.00 **IP-CC Steering Committee Meeting** (SC Members only)

**19.30 Dinner at local restaurant (venue to be confirmed).**

\*\* please inform Ian Parmee (ian.parmee@uwe.ac.uk) as soon as possible if you wish to present a short profile of your work/ research / interests.

**DAY TWO – Thursday, 13<sup>th</sup> December**

**09.00 Promoting Innovative and Creative Products (Provisional Title)**

Rashid Qajar  
CEO TelSecure Group Ltd, Hants, UK.

10.00 Coffee

**10.20 AHRC / EPSRC Research Project: People-centred Computational Environments for Design Discovery: Establishing a Fully Integrated Framework**

**Introduction** – Ian Parmee and Jan Noyes

**Current status and cognitive mapping of the differing design processes**

**Question and Answer session based around developed interview process.**

Azahar Machwe, Damien Williams  
Universities of Bristol and West of England, UK

12.00 Lunch

**13.00 Working Groups**

Each to assess identified primary aspects of the current AHRC / EPSRC work and best way forward in terms of appropriate knowledge elicitation and framework establishment.

**14.00 Reports from Working Groups**

15.00 Coffee

**15.15 Round table discussion and summary.**

16.00 Close

**Registration costs:**

Non-members: £30.00 per day; £50.00 for both days.

These charges cover the cost of venue hire and refreshments / lunches.

Members: £10.00 per day; £20.00 for both days.

Workshop Registration forms and / or Membership application forms can be downloaded from <http://www.ip-cc.org.uk>. Membership rates for the remainder of 2007 / 08 (ie up to 10<sup>th</sup> April 2008) are reduced to 33% of the annual rate.

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All forms with international money orders or cheques payable from a UK bank should be made payable to 'The Institute for People-centred Computation' and sent to :

Professor I. C. Parmee, BIT, Bristol UWE, Coldharbour Lane, Bristol, BS16 1QY