

# INSTITUTE FOR PEOPLE-CENTRED COMPUTATION

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

## WORKSHOP II

### Establishing a Roadmap for Research and Development of People-centred Computational Environments

6<sup>th</sup> & 7<sup>th</sup> December, 2006

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

#### Workshop Structure and Objectives:

Our introductory Workshop in July '06 established direction and annual IPCC activities whereas the October evening meeting concentrated upon perceived system requirements and possible architectures. It is now necessary to look in detail as to how we proceed in terms of securing further funding and resource to progress the concept and development of people-centred computational environments for conceptual design and early-stage decision-making processes.

We have already been successful in securing the following funding to support our efforts:

- 24 month's EPSRC Network funding to support the Institute in terms of costs associated with administration, workshops, invited speakers etc.
- 12 month AHRC / EPSRC funding for two post-doctoral researchers to establish an initial framework for the envisaged systems.

Building upon previous activities Day one of the Workshop will comprise question and discussion sessions centred around a number of invited talks that explore diverse design and decision-making areas and possible technologies that can contribute to envisaged people-centred systems. Day two will largely comprise round-table sessions relating to identified cross-disciplinary areas of interest and the development of a roadmap to establish best way forward in terms of achieving the Institute's stated objectives.

Any queries then please contact [ian.parmee@uwe.ac.uk](mailto:ian.parmee@uwe.ac.uk).

Registration cost for non-members is £25.00 per day; £40.00 for both days. Registration forms can be downloaded from <http://www.ip-cc.org.uk>.

However, membership for the remainder of the current year (up to 10<sup>th</sup> April 2007) is £15.00 per person. Membership forms can be downloaded from <http://www.ip-cc.org.uk>. They will also be available and can be completed on the day with payment by cash or cheque. If you are going to attend as a new member paying on the day of arrival then please be sure to complete and submit a registration form as soon as possible stating your intentions so that we can estimate attendance figures.

All forms with international money orders or cheques payable from a UK bank should be sent to :

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

**DAY ONE – Wednesday, 6<sup>th</sup> December**

09.30 **Welcome**

09.35 **Current Status of IPCC.**

Ian Parmee  
ACDDM Lab, UWE Bristol

09.45 **Information technologies for supporting human innovation and creativity: The evolutionary path**

Dr. Xavier Llorà  
Illinois Genetic Algorithms Lab, University of Illinois at Urbana-Champaign,  
USA.

10.35 Coffee

11.00 **Applying Control Ideas to the Human Controller Interface**

Anna C. Trujillo, NASA Langley Research Lab, USA.

11.40 Questions and Discussion

12.30 Lunch

13.30 **Human Interaction, Engineering, and Decision Making: Where Do We Go From Here?**

Prof. Mark Bryden, Dept of Mechanical Engineering, Iowa State University,  
USA

14.20 **Analysis and modelling of cultural behaviour in organisational decision-making** (provisional title)

Matthieu Daum, Nexus Consultancy, Paris.

15.30 Coffee

15.50 Short presentations from delegates\*\*

16.30 Questions and Discussion

17.30 Close

\*\* please inform Ian Parmee as soon as possible if you wish to present a short profile of your work/  
research / interests.

19.00 Dinner at local restaurant (venue to be confirmed).

## **DAY TWO – Thursday, 7<sup>th</sup> December**

09.00 Review of Day 1

09.10 **The fuzzy front-end: A framework for the design of convergent technologies.**

Richard Hurford and David Smith, University of Wales – Newport.

9.45 Short presentations from delegates\*\*

10.30 Coffee

10.50 Short presentations from delegates\*\*

11.20 Round-table discussion of problems and possible solution paths facing the Institute with regard to achieving the objectives relating to the establishment of People-centred computational environments.

12.20 Identification of key issues arising from previous discussion.

12.30 Lunch

13.30 Utilisation of key issues to establish a Roadmap commencing from our current status under existing funding and identifying milestones relating to required cross- institutional research proposals, Dti, industrial and software engineering support plus projected interim and final deliverables.

15.30 Coffee

15.50 Summary

16.15 Workshop Close.

\*\* please inform Ian Parmee as soon as possible if you wish to present a short profile of your work/ research / interests.