

# The First International Workshop on Web Personalization, Recommender Systems and Intelligent User Interfaces (WPRSIUI 2005)

in conjunction with The Second International Conference on E-Business and  
Telecommunication Networks  
3-7 October - Reading, U.K.

## **Theme:**

This workshop will offer an opportunity for researchers and practitioners to exchange ideas about past, present and future trends in Web personalization, Recommender systems and Intelligent User Interfaces. This will be a two-day workshop with an invited speaker and refereed paper presentations.

## **Topics:**

We invite submissions covering the full range of topics related to Personalization, Recommender Systems and Intelligent User Interfaces. Topics for submission include but are not limited to:

### **Personalization techniques**

- Machine learning methods in personalization.
- Data mining techniques for user profiling.
- Group modelling techniques.
- Profile initialisation and learning methods.

### **Recommender Systems**

- Collaborative, Content and Hybrid systems.
- Algorithms and Evaluation techniques.
- Security issues for Recommender systems.
- User interfaces for recommender systems.

### **Agent Architectures**

- Personal Assistant Agents, User Modelling Agents, Interface Agents for personalization.
- Multi-agent architectures for recommender systems.

### **Intelligent User Interfaces**

- Interactive Multi-Modal User interfaces for personalised environments.
- Personalised user interfaces for people with disabilities.

### **Application Areas**

- E-commerce.
- Personalised TV.
- Tutoring environments.
- Dynamic, adaptive hypermedia.

## **Invited Speaker**

*Professor Barry Smyth*

Department of Computing, University College, Dublin (Ireland)

Professor Barry Smyth holds the Digital Chair of Computer Science in University College Dublin and is currently head of Computer Science. He is an ECCAI Fellow and also a co-founder, director, and Chief Technical Officer of ChangingWorlds Ltd. His research covers a broad set of topics within Artificial Intelligence including Case-Based Reasoning, Machine Learning, User Modeling and Planning with particular focus on so-called Personalization techniques, which looks at ways of combining ideas from these areas to develop information systems that automatically learn about, and adapt to, the needs of individual users.

## **Submission of Papers**

Authors should submit their full papers in English with up to 10 one-Column pages per paper, using the submission instructions indicated in the ICETE main web page at <http://www.icete.org/>. Accepted papers will be published in a workshop proceedings book with an ISBN number.

## **Important Deadlines**

Paper Submission: 5th March 2005

Author Notification: 20th April 2005

Camera Ready Submission: 10th June 2005

Workshop Dates: 3-4 October 2005

## **Program Committee**

Liliana Ardissono University of Torino, Italy.

Chumki Basu Rutgers, the State University of New Jersey, USA.

Marko Balabanovic Lastminute.com. London, UK.

Robin Burke DePaul University, Chicago, Illinois, USA.

Joaquin Delgado CTO, TripleHop Technologies, Inc. USA.

Mark Levene Birkbeck University, London, UK.

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