Message from EDTCI-2010 International Workshop Organizers

Welcome to Fukuoka Institute of Technology (FIT) and the 2010, first International Workshop on Emerging Data Technologies for Collective Intelligence (EDTCI-2010). The EDTCI-2010 is held in conjunction with the 5th International Conference on P2P, Parallel, Grid, Cloud and Internet Computing (3PGCIC-2010), at FIT from November 4 to November 6, 2010.

Recent advances in networking and computational scientific domains have resulted in numerous opportunities including the emerging one of utilizing and exploiting data generated from various sources towards a collaborative and collective intelligence approach. This particular scientific endeavour involves various paradigms and integrative technologies including but not limited to resource discovery techniques, data mining, P2P, smart objects and pervasive computing, grids and clouds, and web 2.0 implementations. From a scientific point of view, one of the main targets behind these technologies and paradigms is to help assist in the identification of relevant solutions of very complex real-world problems in a manner that could not be achieved and/or experienced before. Thus, the scope of EDTCI-2010 is to focus on and discuss this emerging opportunity and more specifically, to discuss the methods and practices which require to bring various emerging data technologies together to capture, integrate, analyze, mine, annotate and visualize data – made available from various distributed and heterogeneous sources – in a meaningful and collaborative manner.

The aim of EDTCI-2010 is to provide a forum for the dissemination of original contributions that are related to the theories, practices and concepts of emerging data technologies towards a collective intelligence approach. Finally, EDTCI-2010 aims to prompt future directions in the area. Although EDTCI-2010 is the first in its series, it has managed to attract high quality research papers. We selected 13 papers to be presented during the conference, which are divided in 3 sessions: Advanced Concepts, Techniques and Methods, Emerging Interfaces, Simulations and Practices, and Prompting Future Directions in Collective Intelligence.

It is impossible to organize such a successful program without the help of many individuals. Thus, we would like to express our kind appreciation to all the authors of the submitted papers, and to all the program committee members, who provided timely and significant reviews.

We hope all of you will enjoy EDTCI-2010 and find this a productive opportunity to exchange ideas and research work with many researchers.

EDTCI-2010 International Workshop Co-Chairs

Nik Bessis, University of Bedfordshire, UK
Fatos Xhafa, Technical University of Catalonia, Spain