Special Session on
Business Intelligence and Web Intelligence
(BIWI010)

**Under the framework of the 10th International Conference on Intelligent Systems
Design and Applications, ISDA'10
November 29 – December 1, 2010, Cairo, Egypt
Conference web page: http://cig.iet.unipi.it/isda2010/**

Session Chairs

Kamel Rouibah,

Quantitative Methods and Information Systems,
College of Business Administration, Kuwait
University, P.O Box 5486 Safat, Kuwait

E-mail: Krouibah@cba.edu.kw

Solomon Negash,

**Department of CS and IS
College of Science and Mathematics**
Kennesaw State University
http://science.kennesaw.edu/~snegash/
snegash@kennesaw.edu

Aboul Ella Hassanien

Cairo University
Faculty of Computers & Information
Information Technology Department
5 Ahmed Zewal St., Orman, Giza
Email: Aboitcairo@gmail.com http://www.fci.cu.edu.eg/~abo/

Introduction: The purpose of the workshop is to bring together researchers, engineers, and practitioners interested in Web intelligence and to discuss the latest advanced technologies to achieve such intelligence. With the internet being the most used communication channels in all facets of business activities, the volume of information available on the web is exponentially increasing. While accurate, relevant and timely information is the ultimate objective to improve decision making, the increase number of information makes such objective out of reach. Therefore the targeting, tracking, selection, and transformation of end-user needs of information require to transforming an enormous quantity of information into actionable information, and intelligence by different stakeholders. Such intelligence requires new insight on how current web technologies may be improved in order satisfy end-users requests. This workshop is expected to stimulate discussions about improvement of current web technologies as well as to develop future appropriate models, methods, and tools for building a variety of Web-based intelligent information systems. The workshop welcomes papers addressing research papers and case studies in relation to some of the following topics (but is not limited to):

- Web Information Retrieval
- Information Management and Data Representation
- Web Mining
- Web Farming
- Web Security

- Business intelligence
- Web Services and Semantic Web
- Social Intelligence Design
- Web-based Support Systems
- Human-Web Interaction
- E-Applications and Systems
- Web Technologies and Protocols
- Wisdom Web
- Web Agents and Agent-based Systems
- Agent Self-organization, Learning, and Adaptation
- Agent-based Knowledge Discovery
- Agent-mediated Markets
- Knowledge Grid and Grid intelligence
- Knowledge Management, Networks, and Communities

Instructions for Authors:

Papers must correspond to the requirements detailed in the "Paper Submission" section on the conference flyer http://cig.iet.unipi.it/isda2010/flyer.pdf. All accepted papers will be published in the proceedings of ISDA'10 that will be also included in the IEEE-Xplore digital library. Extended versions of selected papers will be considered for publication

Registration Fees:

All papers must be presented by one of the authors, who must pay the registration fees. See conference site for more information: **http://cig.iet.unipi.it/isda2010/**

Paper Reviewing and Publication

Submitted papers will be reviewed. Accepted papers should not exceed 6 pages, will be in PDF format, and must following the double column IEEE format. All accepted papers will be published in the proceedings of the ISDA'10. Selected papers will be published in special issues of a selection of International Journals (to be announced).

Tentative Dates of Submission and Acceptance

➢ Deadline for paper submission June 26, 2010

➢ Notification of acceptance August 14, 2010

➢ Camera-ready manuscript submission September 15, 2010