

Editorial

Dear Readers:

Welcome to our regular edition of CIT devoted to the 2011 ITI (Information Technology Interfaces) Conference. The following 10 papers (out of 100) were selected from those originally published in the ITI 2011 Conference Proceedings (IEEE Catalog Number CFP11498-PRT).

As in previous years, papers were selected after having received high ratings from both of their respective international reviewers and as being representative of the broad scope character of the ITI Conference in terms of the topics solicited over these last 33 years.

Out of 11 conference topics, eight are represented by at least one paper.

The paper order parallels the Proceedings' topic order starting with a paper selected from 2011 Special Topic ("Statistics, Computing and IT in the Coming Decade") and ending with a paper from the "Theory of Computing and Computing Methodologies" topic.

The Special Session/Topic is in our assortment of ITI contributions represented by the paper written by Anja Habus-Korbar, et al. entitled "Classification and Profiles of Students Based on Their Motivations Concerning Higher Education". The authors present the results of a research study aimed at identifying the segments of high school graduates based on their motivations/opinions regarding their future education.

Two papers are included under the topic "Networking, Grids, Middleware and Distributed Platforms". In the first one, written by Michael Schiffers and Dieter Kranzlmüller, an application of Folded Interaction System for survivability assessment of grids is investigated. In the second paper under the same topic, the authors Vitalian A. Danciu, et al. propose "A Border-Friendly, Non-Overlay Mechanism for Inter-Domain QoS Support in the Internet".

The next topic "Knowledge Management and Collaboration Systems" includes two papers: Ilire Hasani-Mavriqi, et al. present their experiences, challenges and problems with a Wiki-based system called the Academia Europaea Information and Communication system. Alexandra Moraru, et al. (in the other paper from the same topic) propose a system for publishing data resulting from sensor networks on the semantic web.

A paper by Eri Hosogai, et al. on "A Multilingual Chat System with Image Presentation for Detecting Mistranslation" was selected from this year's "Technology Enhanced Education" topic. Authors describe the results of an experiment designed to evaluate the use of images for detecting mistranslation among English, French, Chinese, Japanese, Korean and Vietnamese languages.

The topic "Data Mining and Biometrics" includes a paper by Ioannis Marras, et al. entitled "Frontal Facial Pose Recognition using a Discriminant Splitting Feature Extraction Procedure". The authors offer a novel methodological approach for classifying facial images as either frontal or non-frontal.

Two papers were selected from this year's "Modeling, Simulation and Optimization" topic. In the paper written by Zoran Kotevski and Pece Mitrevski on "A Simple FSPN Model of P2P Live Video Streaming System", the authors present the results of performance analysis of Peer to Peer live video streaming system using a fluid stochastic Petri net model. In the second paper under the same topic, the authors Damjan Strnad and Nikola Guid present the parallel implementation of the alpha-beta algorithm running on a graphics processing unit.

Lastly, a paper by Goran Glavas and Kresimir Fertalj “Solving the Class Responsibility Assignment Problem Using Metaheuristic Approach” was selected from this year’s “Theory of Computing and Computing Methodologies” topic. The authors propose and compare the performance of several algorithms for automating the process of assigning responsibilities to classes in an object-oriented software design process.

We hope that you’ll find this selection of articles informative, interesting, and motivating. Again this year, ITI 2011 tried to provide a broad scientific program and to promote stimulating professional interaction and managed to attract participants from 29 different countries. We will continue to promote ITI Best Student Paper Competition, with stimulating prizes, so as to encourage all young scholars/ researchers worldwide, to offer their papers for Competition.

This year’s selection of topics has identified strong interest and enthusiasm for publishing in these areas, as is reflected in the selection of articles for inclusion in this edition of CIT. We hope for the same type of response to next year’s general IT topics as well as to next year’s special topic/session: “Academic and Business Collaboration: Innovative BI”.

Finally, if you have ideas on how to improve our selection performance, the CIT article selection process, or quality of the publication in general, contact us at cit@srce.hr.

Thank you again for your subscription, interest, and involvement. Perhaps we’ll see you in Cavtat/Dubrovnik in June 2012 for the **34th ITI Conference**.

Editors

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