W04 – ETID ‘07

1st International Workshop on Evolutionary Techniques in Data-Processing
Message from the Program Committee Chair

The 1st International Workshop “Evolutionary Techniques in Data-Processing” (ETID 2007) was held on 3-7 September 2007 at Regensburg, Germany in collocation with DEXA 2007.

This workshop brings together international Evolutionary computing researchers, developers, practitioners, and users. The aim of this workshop is to serve as a forum to present current and future work as well as to exchange research ideas in this field. The workshop invites authors to submit their original and unpublished work that demonstrate current research in all areas of Evolutionary computing in data-processing. An important point is the interdisciplinary nature of key topics of the workshop:

- Theory and practice of evolutionary techniques in data-processing
- Adaptive information retrieval,
- User information needs modeling,
- Biological computation,
- Classifier systems,
- Artificial life,
- Artificial immune systems,
- Evolution strategies,
- Ant colony optimization, particle swarm optimization,
- Swarm intelligence,
- Human interface.

The program of ETID 2007 included one invited lectures “Evolutionary Algorithms for Query Optimization in Text Information Retrieval” by Donald Kraft.

This workshop provided an excellent opportunity for faculty, scholars, and practitioners to meet renowned researchers and to discuss innovative ideas, results of research, and best practices on various conference topics.

The Program Committee selected 10 papers for presentation.

I would like to cordially thank the authors and PC members for their effort, materialized in this volume. Special thanks go to the Organizing Committee from the VŠB-Technical University Ostrava, in particular to its Chair P. Moravec from VŠB-Technical University Ostrava for his arduous work.

June 2007 Václav Snášel

Program Committee Chair

The 1st International Workshop “Evolutionary Techniques in Data-Processing”
ETID ’07 Program Committee

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