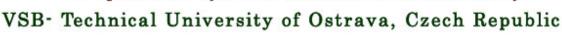# First International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2008)

Co-sponsored by IEEE (Communications Society)
VSB- Technical University of Ostrava, Czech Republic
August 4 - 6, 2008

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Message from the Chairs

The First International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2008- Co-sponsored by IEEE) is organized and hosted by the Faculty of Electrical Engineering and Computer Science VSB-Technical University of Ostrava, Czech Republic in association with the Digital Information Research Foundation, India. The ICADIWT 2008 is planned as a major event in the Computer and Information Sciences and serves as a forum for scientists and engineers to meet and present their latest research results, ideas, and papers in the diverse areas of Web and Internet Technologies, Computer Science, and Information Technology.

This scientific conference covers guest lectures and 85 research papers for presentations in the technical session. This meeting will be a great opportunity to exchange knowledge and experience for all the participants who joined us from all over the world to discuss new ideas in the areas of web applications. We are grateful to the Faculty of Electrical Engineering and Computer Science, VSB-Technical University of Ostrava for hosting this conference. We use this occasion to express thanks to the technical committee and to all the external reviewers. We are grateful to the IEEE Communications Society for co-sponsoring the event. Finally, we would like to thank all the participants and sponsors. We extend a warm welcome you to Czech Republic, and we do hope that all participants have a wonderful time to Czech Republic in the season of beautiful blossoms.

General Chairs
Vaclav Snasel, VSB-Technical University of Ostrava, Czech Republic
Jaroslav Pokorny, Charles University in Prague, Czech Republic

Preface

Dear ICADIWT2008 proceedings reader:

On behalf of the ICADIWT2008 conference, the program committee and VSB-Technical University of Ostrava, Czech Republic have the pleasure to welcome the attendees to the VSB-Technical University of Ostrava, Czech Republic to participate in the First International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2008).

The ICADIWT2008 conference explores new advances in digital and web technologies application. It brings together researchers from various specialiites of computer and information sciences who address both theoretical and applied aspects of Web technology and Internet Applications. We do hope that the discussions and exchange of ideas will contribute to the advancements in the technology in the near future.

The conference has recorded the receipt of 216 papers, out of which 85 were accepted, resulting an acceptance rate of 39 %. These accepted papers are authored by researchers from 34 countries covering many significant areas of Web Applications. Each paper is evaluated by a minimum of two reviewers.

Finally, we hope that the conference fulfills your expectations and hope that the proceedings document the best research in the studied areas. We express our thanks to the VSB-Technical University of Ostrava, Czech Republic, IEEE Communications Society, the authors and the organization of the conference.

Proceedings chairs ICADIWT2008
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