BUSINESS INFORMATION SYSTEMS 2005

Witold Abramowicz (Ed.)

# BIS 2005

## 8th International Conference on Business Information Systems, Poznań, Poland, 20 – 22 April 2005

Wydawnictwo
Akademii Ekonomicznej
w Poznaniu

Akademia Ekonomiczna w Poznaniu

# BIS 2005

**Proceedings of 8th International Conference on Business Information Systems Poznan, Poland, 20–22 April 2005**

Edited by

Witold Abramowicz
*The Poznan University of Economics, Poland*

45,-

Editor
Witold Abramowicz, Professor
Department of Management Information Systems, The Poznań University of Economics, Poland

Cover design
Agata Filipowska, Krzysztof Węcel

Copy editor
Anna Grześ




260453/2005

© Copyright by The Poznań University of Economics
Poznań 2005

ISBN 83-7417-094-8

Publisher
Wydawnictwo Akademii Ekonomicznej w Poznaniu
ul. Powstańców Wielkopolskich 16
61-895 Poznań
phone +48 (61) 8543154, +48 (61) 8543155, fax +48 (61) 8543159
http://www.wydawnictwo-ae.pl/
email: info@wydawnictwo-ae.pl

Printed
UNI-DRUK Wydawnictwo i Drukarnia
ul. Przemysłowa 13
62-030 Luboń
phone +48 (61) 8994949, fax +48 (61) 8139331
email: biuro@uni-druk.pl

inw. 277029

CW. D. 2005. 157/4

# Foreword

BIS 2005 is the 8th international conference on Business Information Systems. This currently regular event was initiated in 1997 to provide a forum for the exchange and dissemination of topical research in the development, implementation, application and improvement of computer systems for business processes. It's intention is to establish strong foundations for further development through the presentation of solid research results in this area among the scientific community, those involved in business computer applications, and among consultants helping to properly implement computer technology and applications in industry.

Since then BIS is a meeting of growing significance. As a result of careful planning, team effort, dedication and hard work of a number of key people, this conference has strengthened the standard established a few years ago, and will provide a good base for future events under BIS name.

The conference offers exciting programme consisting of:

- Over 30 selected papers that will be presented during main track of the conference on topics such as e-government, e-learning, information retrieval and filtering, ontologies, software engineering and web services based information systems.
- Three tutorials: OfficeObjects® WorkFlow – an Example of the 2nd Generation BPM Environment, Ontology-based Information-Filtering and Retrieval and Mobile applications for the public sector.
- Two Panel Sessions, which will augment educational part of the conference.

The Program Committee consisted of about 70 members that carefully evaluated all the submitted papers. Thanks to their work it was possible to produce a promising conference program of high standard.

To complement the regular program, an outstanding selection of international keynote speakers and invited papers has also been organized. BIS 2005 is proud and honoured to be able host **Maria E. Orlowski**, The University of Queensland, Australia, **Volker Gruhn** - University of Leipzig, Germany, **Gregory E. Kersten** - Professor, John Molson School of Business, Concordia University, Canada, **Wolfgang Nebel**, Oldenburg University and OFFIS Oldenburg, Germany and **Edward Szczerbicki**, The University of Newcastle, Australia.

I also express my gratitude to all those people who have helped create the success of the BIS 2005 conference. First of all to Agata Filipowska who chaired the Organizing Committee and took care for all that details related to the conference: from the conference marketing to the preparation of proceedings. Tomasz Kaczmarek took care of the review process and leaded the team that prepared online transparent review system. I also extend my thanks for the efforts of all other organizing committee members who have assisted in various

tasks: Andrzej Bassara, Monika Kaczmarek, Marek Kowalkiewicz, Andrzej Kyć, Jolanta Skorwider, Krzysztof Węcel, Karol Wieloch and Marek Wiśniewski.

Very importantly, BIS 2005 also gratefully acknowledges the sponsors and supporters for their crucial involvement and valuable assistance: The Poznań University of Economics, the Council of European Professional Informatics Societies (CEPIS), Gesellschaft für Informatik (GI) in Germany. We also thank media patrons, Bankier.pl, Gazeta IT and IT Press, for spreading good word about the conference.

Witold Abramowicz
Editor
BIS 2005 General Chair