

PREFACE

Welcome Speech

The Honorable Director of Bandung State Polytechnic and
Head of Computer Engineering Department,
Speakers and Participants,
Respectable Guests, Ladies and Gentlemen,

Good morning,

On behalf of the Organizing Committee, I would like to express a warm welcome to all of you to the Conference on Applied Information Technology 2007.

This First Conference, held in Bandung, the capital of West Java, October 24, 2007, is dedicated to the application of Information Technology. The goal of this conference is to provide a forum for sharing the excitement of engineering and scientific accomplishment in the area of Database Technology, Systems Integration, Artificial Intelligence, Decision Support Systems, Information Systems Analysis and Specification, Software Agent, Internet Computing, Electronic Commerce and Human Factors.

The program committee of the conference accepted 24 papers in the area of Data Mining, Information System, Software Agent, E-Learning, Image Processing and network Implementation Choices. Some of them were joint research between university and industry.

The program committee consisted of 26 reviewers who are researchers from universities, industries and governments. Members of the committee spent numerous hours in reviewing and providing advices and comments on the selection of papers. We would like to take this opportunity to thank all the members for their invaluable help in producing the technical program.

The conference would not have been successful without the skillful assistance of the members of the organizing committee. Our special thanks go to Agus Wismakumara the Director of Polban, Suprihanto the Head of Computer Engineering Department and Bambang Wisnuadhi the Taskforce of A3 Competitive Based Grant.

Last but not least, we would like to thank all the people who submitted their papers to the conference as well as the conference participants, for their support which made this conference possible. Hopefully we will meet again in the 2nd Conference on Applied Information Technology which will be held in October 2008.

Thank You

Bandung, October 2007,
Chief of the 1st CAIT Organizing Committee
Joe Lian Min

Participants of the conference, ladies and gentlemen, Assalamu'alaikum wr.wb.,

Nowadays information concept and technology has increasingly become one of important issues in supporting human activities. The use of information technology is significantly apparent in daily life, and also can be seen in a rapid emergence of information-related products in the market. However, imported products still play dominant role compared to the local ones. One of the most likely sources of the problem is that the products generated from research activities in educational and research institutions can't directly go to production plants in industries. Therefore, one of the purposes of the Conference on Applied Information Technology is to provide a common forum for sharing research results and innovations among researches, practitioners and academicians in Applied Information Technology on one side, industrialists, and government agencies as regulators. The event, which is supported by Computer Engineering Department's 2006-2008 A3 National Competition Grant, is conducted as one of Polban's contribution to facilitate the implementation of information technology in a road to products useful for supporting human activities.

To reach the goal, we have selected the topics directly related to the actual problem so that the research results can be used to solve the problem. In selecting the accepted papers, we have been supported by a pool of reviewers from industry, academic, research, and government institutions. Without their invaluable support, the event would never be materialized.

Finally, we also wish to express our sincere thanks to all attendants who had spent their precious time to be present in this conference. Also to the organizing committee for their effort in preparing and conducting the event, to the Computer Engineering Department as the initiator, to A3 National Grant as the principal supporter, and also to all participants for their invaluable support for the success of the event. We hope that the event will produce fruitful benefit to all of us and can be maintained in the following years.

Bandung, October 2007
Dr. Ir. Agus Wismakumara
Director
Bandung State Polytechnic

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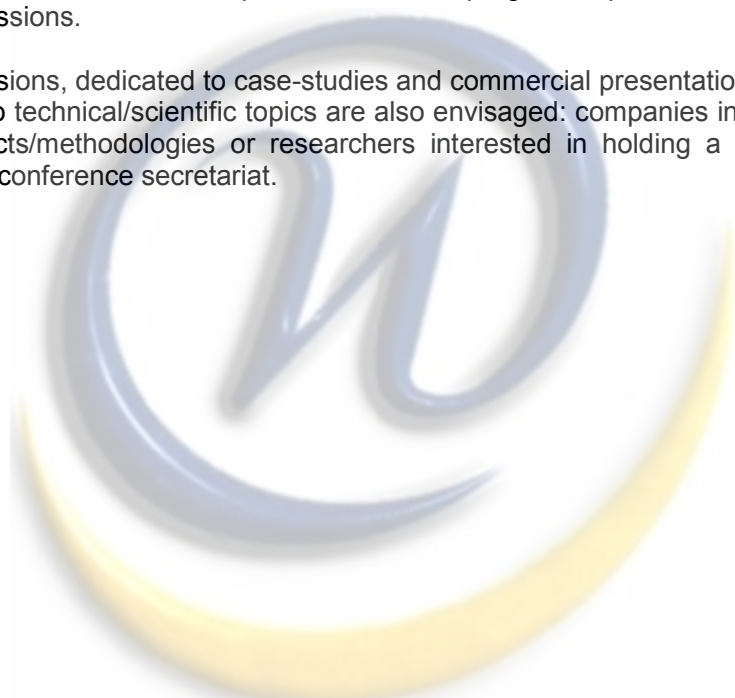


About the Conference

The purpose of the 1st Conference on Applied Information Technology (CAIT) is to bring together researchers, engineers and practitioners interested in the advances of Applied Information Technology. Five simultaneous tracks will be held, covering different aspects including Database Technology, Systems Integration, Artificial Intelligence, Decision Support Systems, Information Systems Analysis and Specification, Software Agent, Internet Computing, Electronic Commerce and Human Factors.

CAIT focuses on real world applications; therefore authors should highlight the benefits of Information Technology for industry and services. Ideas on how to solve business problems, using IT, will arise from the conference/seminar. Papers describing advanced prototypes, systems, tools and techniques and general survey papers indicating future directions are also encouraged. Papers describing original work are invited in any of the areas listed below. Accepted papers, will be presented at the conference by one of the authors and will be published in the Proceedings of CAIT. Acceptance will be based on quality, relevance and originality. Both full research reports and work-in-progress reports are welcome. There will be only oral sessions.

Special sessions, dedicated to case-studies and commercial presentations, as well as tutorials dedicated to technical/scientific topics are also envisaged: companies interested in presenting their products/methodologies or researchers interested in holding a tutorial are invited to contact the conference secretariat.



Program Committee

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