

**CALL FOR PAPER
CONFERENCE ON APPLIED INFORMATION TECHNOLOGY
OCTOBER 22 - 23, 2008
DEPARTMENT OF COMPUTER ENGINEERING
POLITEKNIK NEGERI BANDUNG
BANDUNG, INDONESIA**

Scope of the Conference on Applied Information Technology

The purpose of the 2nd 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.

Conference Area

Papers may address one or more of the listed topics, although authors should not feel limited by them. Topics of interest for submission include, but are not limited to:

Databases and Information Systems Integration

- Coupling and Integrating Heterogeneous Data Sources
- Enterprise Resource Planning
- Middleware Integration
- Legacy Systems
- Organizational Issues on Systems Integration
- Distributed Database Applications
- Object-Oriented Database Systems
- Database Security and Transaction Support
- Data Warehouses
- Multimedia Database Applications
- Web Databases
- Mobile Databases
- Software Engineering
- Software Measurement

Artificial Intelligence and Decision Support Systems

- Intelligent Agents
- Industrial Applications of Artificial Intelligence
- Strategic Decision Support Systems
- Group Decision Support Systems
- Applications of Expert Systems
- Applications of Fuzzy Logic
- Applications of Neural Network
- Natural Language Interfaces to Intelligent Systems
- Evolutionary Programming
- Coordination in Multi-Agent Systems
- Intelligent Social Agents and Distributed Artificial Intelligence Applications
- Intelligent Tutoring Systems
- Data Mining
- Case-Based Reasoning Systems
- Knowledge-based Systems Engineering
- Knowledge Management

Information Systems Analysis and Specification

- Systems Engineering Methodologies
- Information Engineering Methodologies
- Requirements Analysis
- Ontology Engineering
- Modeling Formalisms, Languages, and Notations (e.g. UML, ER variants)
- CASE Tools for System Development
- Modeling of Distributed Systems
- Modeling Concepts and Information Integration Tools
- Business Processes Re-engineering
- Security, Freedom and Privacy

Software Agents and Internet Computing

- Process Design and Organizational Issues in e-Commerce
- E-Procurement and Web-based supply chain management
- Market-spaces: market portals, hubs, auctions
- E-Learning and e-Teaching
- Intranet and Extranet Business Applications
- Agents for Internet Computing
- Web Information Agents
- Public sector applications of e-Commerce
- Interactive and Multimedia Web Applications
- Network Implementation Choices
- Object Orientation in Internet and Distributed Computing
- Internet and Collaborative Computing
- Semantic Web Technologies
- Wireless and Mobile Computing
- Agent-Oriented Programming

Human-Computer Interaction

- HCI on Enterprise Information Systems
- Functional and non-functional Requirements
- Internet HCI: Web Interfaces and Usability
- Multimedia Systems
- Machine perception: vision, speech, other
- Virtual Reality and Augmented Reality
- Intelligent User Interfaces
- Human Factors
- Accessibility to Disabled Users
- Geographical Information Systems
- E-Learning

Paper submission

Prospective authors are invited to submit papers in English or Indonesian Language of no more than fifteen (15) pages of A4 including results, figures, references and appendices. PDF/DOC format are accepted. Authors must also indicate the conference area. The template can be downloaded from <http://www.jtk.polban.ac.id>. Paper will be accepted only by electronic submission through this email address ari@jtk.polban.ac.id. Prospective authors are expected to present their paper in English or Indonesian Language at the conference.

Submission Deadlines

Paper submission	July 15, 2008
Notification of acceptance	August 15, 2008
Final paper submission and authors' registration	September 8, 2008
Conference Dates	October 22-23, 2008

Proceedings and Journal Publication

All accepted papers will be published in the conference proceedings, under an ISSN reference, in paper and CD-ROM support. A selection of the best conference papers will be considered in a Journal published by Computer Engineering Department Polban.

Venue

The conference will be held in P2T Building Politeknik Negeri Bandung (POLBAN), Bandung, West Java, Indonesia. It stays about 15 minutes from the airport.

Program Committee

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For any further questions or inquiries please contact Conference Organizers.

Conference Organizers:

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