

JOURNAL OF Advances in Information Technology

(JAIT, ISSN 1798-2340)

<http://www.academpublisher.com/jait/>

EDITOR-IN-CHIEF

Prof. A.C.M. Fong,

Auckland University of Technology, New Zealand

Email: jait.editorial@gmail.com

The JAIT is centered around the idea of new and emerging IT advancements geared towards finding solutions in tackling the problems and challenges that we face in the 21st century. This necessitates a forward-looking and multidisciplinary/convergent approach and aims at harnessing advances in computing and IT both to improve our everyday life in a multitude of way and to meet the challenges of tomorrow. The published articles would immediately demonstrate 'useful' research. JAIT is intended to reflect new directions of research and report latest advances. It would be a platform for rapid dissemination of high quality research / application / work-in-progress articles on IT solutions for managing challenges and problems within the highlighted scope.

We expect readers and contributors to come from the wide spectrum of computing/IT communities including academic and industrial researchers, industrial managers and practitioners, IT consultants, educators, and employees of related government agencies, as well as policy makers in the public and private sectors.

Scope

JAIT would encourage a multidisciplinary approach towards solving problems by harnessing the power of IT in the areas of Healthcare and Biomedicine, Environmental Management, Commercial, Industrial and Governmental Applications Social and Demographic Changes, IT in Education and Entertainment, Law and Order The main focus of the journal would be on technical aspects (e.g. data mining, parallel computing, artificial intelligence, image processing (e.g. satellite imagery), video sequence analysis (e.g. surveillance video), predictive models, etc.), although a small element of social implications/issues could be allowed to put the technical aspects into perspective. In particular, we encourage a multidisciplinary / convergent approach based on the following broadly based branches of computer science for the application areas highlighted above:

- Computational Biology, Biomedicine, Bio-informatics and Biometrics
- Advances in AI and Soft Computing
- Learning and Evolutionary Computing, Evolutionary Algorithm, Genetic Algorithms
- Cognitive Science, Mathematical Linguistics
- Computational Intelligence, Neuroscience, Intelligent Systems and Agent
- Expert systems & Decision Making
- Neural Networks, Fuzzy Logic, Reasoning
- Chaos Theory, Dynamical Systems
- Information and Knowledge
- DNA Computing
- Nano-Computing
- Quantum Computing
- Natural computing
- Language and Search Engine, Information Retrieval
- Information Security
- Data Engineering, Database, Data Mining, Data Warehouse, Data Fusion
- Digital Library
- Pervasive computing
- HCI
- Non-technical but relevant topics such as Information Policy, Ethics and Legal issues as appropriate.

JAIT invite original, previously unpublished, full-length and letter-length research papers describing original research and/or novel applications, well researched review/survey articles, work-in-progress reports on promising developments, case studies and best practice articles prepared by industry experts, tutorials on up-and-coming technological breakthroughs.

AUTHOR GUIDELINES available at: <http://www.academpublisher.com/jait/forauthors.html>

Special Issues are an important component of JAIT. JAIT encourage recognized experts to create special issues that feature specifically aimed and targeted topics of high current interest falling within the scope of the Journal.

JAIT also invites organizers of high-quality conferences/workshops in the field to guest-edit Special Issue to guarantee fast publication of extended versions of the high-quality conference/workshop papers in the Journal.

SPECIAL ISSUE GUIDELINES available at: <http://www.academpublisher.com/jait/si/index.html>

JAIT is seeking professionals to join our Editorial Board. If you are interested in becoming a Editor, please send your CV and a one-page summary of your specific expertise and interests to:

EDITOR-IN-CHIEF, Prof. A.C.M. Fong (Email: jait.editorial@gmail.com).

