Acta Informatica Malaysia (AIM)

ADDRESS OF PUBLISHER & EDITOR’S OFFICE
C-3A-15 Centrio Pantai Hillpark 59200 Kuala Lumpur, Malaysia
Tel: +60 327332657
Fax: +60 327332658

EDITORIAL STAFF:

Editor in Chief

Dr. Shahreen bt. Kasim
Head of Research Soft Computing and Data Mining
Faculty of Computer Science & Information Technology
University Tun Hussein Onn Malaysia
Malaysia

Managing Editor

Irfan Ali
Department of Computer Science
University of Agriculture, Faisalabad
Pakistan

Associate Editors

Associate Professor Dr Mohd Farhan Md Fudzee
Faculty of Computer Science & Information Technology
University Tun Hussein Onn Malaysia
Malaysia

Associate Professor Dr Hairulnizam Mahdin
Faculty of Computer Science & Information Technology
University Tun Hussein Onn Malaysia
Malaysia

Dr Azizul Azhar Ramli
Faculty of Computer Science & Information Technology
University Tun Hussein Onn Malaysia
Malaysia

Frequency: Bi-annual (2 issue per year)

ISSN:2521-0874 (Print)
ISSN: 2521-0505 (Online)

Price:
Single issue: 50 MYR
Price for abroad
Single issue: 25 USD

Web:
http://www.razipublishing.com/journals/acta-informatica-malaysia/

E-mail:
info@razipublishing.com
<table>
<thead>
<tr>
<th></th>
<th>Title</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MANAGING SENSITIVE DATA IN CLOUD COMPUTING FOR EFFECTIVE INFORMATION SYSTEMS' DECISIONS</td>
<td>1-2</td>
</tr>
<tr>
<td>2</td>
<td>SUSTAINABLE GREEN INFORMATION SYSTEMS DESIGN: A THEORETICAL MODEL</td>
<td>3-4</td>
</tr>
<tr>
<td>3</td>
<td>EVALUATING THE COLLABORATION LEVEL AMONG PHYSICIANS IN MALAYSIAN HEALTHCARE ENVIRONMENT</td>
<td>5-6</td>
</tr>
<tr>
<td>4</td>
<td>IMPROVING SECURITY AND PRIVACY REQUIREMENT FOR BUSINESS REGISTRATION SYSTEM (BRS)</td>
<td>7-8</td>
</tr>
<tr>
<td>5</td>
<td>INFRASTRUCTURE REQUIREMENTS FOR EXPERIENCE BASED FACTORY MODEL IN SOFTWARE DEVELOPMENT PROCESS IN A COLLABORATIVE ENVIRONMENT</td>
<td>9-10</td>
</tr>
<tr>
<td>6</td>
<td>AGILE METHODOLOGIES AND THE USE OF ITS WATERSCRUMFALL DERIVATIVE FOR SOFTWARE PROJECT DEVELOPMENT</td>
<td>11-12</td>
</tr>
<tr>
<td>7</td>
<td>A CONCEPTUAL FRAMEWORK FOR MEASURING THE PERFORMANCE OF BIG DATA ANALYTICS PROCESS</td>
<td>13-14</td>
</tr>
<tr>
<td>8</td>
<td>RASCH MODEL APPLICATION IN VALIDATING INSTRUMENT FOR KNOWLEDGE INTEGRATION IN SMALL MEDIUM ENTERPRISES</td>
<td>15-16</td>
</tr>
<tr>
<td>9</td>
<td>A TWO-DIMENSIONAL LATTICE BOLTZMANN METHOD FOR COMpressible FLOWS</td>
<td>17-19</td>
</tr>
</tbody>
</table>
Acta Informatica Malaysia (AIM)

Editorial

Acta Informatica Malaysia (AIM) is an international journal of high repute covering topics of interest to all those researching and working in the sciences of information and knowledge management. The Editors welcome material on any aspect of information science theory, policy, application or practice that will advance thinking in the field. Information Science is a broad based discipline which has a potential impact in almost every sphere of human activity in the emerging information age. There have been significant advances in information technology and information processing techniques over recent years and the pace of innovation shows no sign of slowing. However, the application of these technologies is often sub-optimal because theoretical understanding lags behind. The Journal seeks to achieve a better understanding of the principles that underpin the effective creation, organization, storage, communication and utilization of information and knowledge resources. It seeks to understand how policy and practice in the area can be built on sound theoretical or heuristic foundations to achieve a greater impact on the world economy. Articles focusing on applied information science topics should seek to highlight the underlying theoretical principles and show how their application has been novel or lead to unusual or exemplary results.

Scientific Board

Editorial Team

Dr Oye Nathaniel David
Universiti Teknologi Malaysia, Skudai, Johor, Malaysia

Dr Zhi-Hua Zhou
Nanjing University, Nanjing
China Dr. TC Manjunath
HKBK College of Engg., Bangalore, Karnataka
India

Mohamed Abdel-Baset Metwalli Attia
Faculty of Computers and Informatics, Zagazig university
Egypt

Dr Ji-Wu Huang
Shenzhen University, Shenzhen China
Dr Shaikh Enayet ullah
University of Rajshahi, Rajshahi
Bangladesh

Dr Jiannong Cao
Hong Kong Polytechnic University, Hong Kong China

Dr. Sarabjit Singh
University Institute of Engineering & Technology CHD, India

Dr. Jatinder Pal Singh
Principal Golden Institute of Technology Gurdaspur
India

Dr Xiao-Tie Deng
Shanghai Jiao Tong University, Shanghai China

Dr. Ashraf Darwish
Faculty of Science, Helwan University
Egypt

Dr. Xiao-Ming Sun
ICT, CAS, Beijing China
Dr Yan-Chun Liang
Jilin University, Changchun China

Dr Visvanathan Naicker
University of the Western Cape, South Africa

Dr Bin Ma
University of Waterloo, Waterloo Canada

Dr. P. Bhargavi
Sri Vidyanikethan Engineering College, Rangampeta
India

Dr. Sukumar Senthil Kumar
Chon Buk National University
India

Dr Ming-Sheng Ying
Tsinghua University, Beijing
China