

The International Journal of the Computer, the Internet and Management

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Abstract- Prof. Dr. Srisakdi Charmonman proposed and got approval from Rev. Bro. Prathip Martin Komolmas, AU President at that time, to establish the International Journal of Computer Engineering Management (IJCEM) in the year 1993 as a related activity for the Graduate School of Computer Engineering Management (CEM) and the Graduate School of Computer Information Systems (CIS) which he founded at Assumption University and served as Chairman of the Boards. In May 1998, IJCEM name was changed to the International Journal of the Computer, the Internet, and Management (IJCIM) to recognize the importance of the Internet. As of the year 2009, 17 volumes of the Journal have been published, each with 3 issues, bringing the total to over 50 issues. Eight Special Issues have also been published for the International Conferences organized by Prof. Srisakdi.

Keywords- IJCIM, IJCEM, journal, computer, Internet, management, Srisakdi Charmonman.

1. INTRODUCTION

The Conference today is to honor the birthday of a man who has played not one but a number of important roles in the field

of Information Technology and in establishing Assumption University as an important center of the field in Thailand, Asia, and the World. Of the many achievements of Prof. Dr. Srisakdi Charmonman, the Managing Editor and the Assistant Editor would like to focus on one: the IJCIM, a journal that he founded and that he continues to edit. The Managing Editor and Assistant Editor have greatly expanded the respect and admiration for the Editor-in-Chief through the work on the Journal and believe that it serves as an appropriate symbol of Prof. Srisakdi life's work.

There are, of course, many journals in the field of Information Technology. Most of these provide a means for specialists and sub-specialists to communicate efficiently with their peers. These narrowly-focused journals are, of course, very necessary but with increasing professional specialization there is a danger of increased insularity. In a field where networking has become so important we all should be aware that unexpected ideas are often more important than those which, however valuable, simply go further along expected paths.

The history of ideas provides many examples of cross-fertilization across specializations, even across entire fields. Take, for example, Darwin's development of the theory of biological evolution. Darwin,

of course, had a strong background into the biological and natural historical studies of his day, and his work could not have been accomplished without that specialist knowledge. A central impetus for the theory, however, came not from biology but from the seemingly distant intellectual field of economics. In his 1876 autobiography, Darwin describes the breakthrough as follows:

"In October 1838, that is, fifteen months after I had begun my systematic inquiry, I happened to read for amusement Malthus on Population, and being well prepared to appreciate the struggle for existence which everywhere goes on from long-continued observation of the habits of animals and plants, it at once struck me that under these circumstances favorable variations would tend to be preserved, and unfavorable ones to be destroyed. The results of this would be the formation of a new species. Here, then I had at last got a theory by which to work".

What Darwin got from his nonsystematic reading of Malthus' political economy was a model of population dynamics that could also be applied to the biological world. Thus, out of this casual reading outside his field came one of the most central ideas in human intellectual history.

While we cannot claim that the IJCIM has been responsible for anything as momentous as the theory of evolution, we believe that the wide range of interests that it accommodates makes possible insights and methods in ways not available from the more specialized journals. A specialist in hardware can not only learn the needs of software or network engineers, he or she can also at times receive a hint of underlying structures that can play a role in hardware design. A business specialist will not only learn of new technologies that may have an impact on, say, marketing strategies but may come to understand network patterns that also apply to the patterns of the market. Incremental advances within a specialization provide the steady progress for the

Information Technology field. The forward leaps occur when a novel idea changes across fields, opening up whole new vistas for researchers. Thus, with its wide range of articles addressed to all practitioners and academic researchers, the IJCIM is a source for insights, along with providing a way to keep up with progress in each area of the field.

2. THE FOUNDING OF THE JOURNAL

The Journal was founded in 1993 under the name of the International Journal of Computer Engineering Management, suggesting a business orientation that was very appropriate to a journal sponsored by a business-oriented university. At this point computers were becoming ubiquitous in the business environment and Prof. Dr. Srisakdi Charmonman already noted in his introduction to the first issue of the IJCEM that "there is no aspect of development where computer technology cannot be beneficially applied."

It is also important to point out the vision and influence of the then-President of the Assumption University, Dr. Prathip Martin Komolmas. As in many other areas of endeavor, he has been the glue that holds AU and its programs together. It is appropriate that the first issue was dedicated to President Martin on his sixtieth birthday and now, on this occasion, we are honoring the seventy-second birthday of the Editor-in-Chief of the IJCIM.

But one cannot isolate management from other activities in the modern computer world so, in May of 1998, the journal was rechristened the International Journal of The Computer, The Internet and Management (IJCIM) to reflect the vastness of the new world that the journal was even then addressing. In commenting on this expansion in a Foreword, the Editor-in-Chief noted:

"There is, in fact, little in the larger world that is not somehow reflected in the

microcosm of the new technology. That larger world is rapidly and radically being transformed by computer technology and at the IJCIM we have as our goal providing our readers a sample of fascinating developments in many areas of detail.”

This sampling was found in the Foreword to reflect the inability to cordon off the technical and administrative side of the endeavor. As it has turned out, virtually all barriers have broken down. Aside from articles so specialized as to be incomprehensible to other than a small group of researchers, the Journal is open to every topic in the field, knowing that we cannot predict when the insightful changes across disciplines will occur.

This is not to say that none of our issues have a distinct focus. Over the past five years we have been pleased to publish the Proceedings of the International Conference on eLearning for Knowledge-Based Society, although these also are composed of various perspectives on the topic of electronic learning. This is very appropriate for a publication sponsored by an educational institution that has made such a fervent effort in the area of the use of technology in education. In the fall of 2004 we also dedicated our regular issues on managing healthcare science and technology which had a distinct focus on societal issues.

Nor is our entire focus technical of one sort or another. Our Call for Papers explicitly states the need for ethical and social inquiry related to computers and this allows us to publish articles that enable our readership to reflect on the field as a whole and to consider the human and social impact of our work.

3. REGULAR AND SPECIAL ISSUES

Seventeen volumes of the Journal have been published from the year 1993 to 2009, 17 volumes each with 3 issues, totally over 50 issues.

Eight Special Issues have been published.

1. Vol 12, Number 2 (SP), May-August 2004, Proceedings of the International Conference on eLearning for Knowledge-Based Society, August 4 - 5, 2004. Bangkok Metro, Thailand.
2. Vol 13, Number SP1, August 2005, Proceedings of the Second International Conference on eLearning for Knowledge-Based Society, August 4 - 7, 2005. Bangkok Metro, Thailand.
3. Vol 13, Number SP2, October 2005, Proceedings of the International Conference on Computer and Industrial Management, October 29 - 30, 2005. Bangkok Metro, Thailand.
4. Vol 13, Number SP3, November 2005, Proceedings of the Fourth International Conference on eBusiness, November 19 - 20, 2005. Bangkok Metro, Thailand.
5. Vol 14, Number SP1, August 2006, Proceedings of the Third International Conference on eLearning for Knowledge-Based Society, August 3-4, 2006. Bangkok Metro, Thailand.
6. Vol 15, Number SP3, November 2007, Proceedings of the Fourth International Conference on eLearning for Knowledge-Based Society. November 18-19, 2007. Bangkok Metro, Thailand.
7. Vol 15, Number SP4, November 2007, Proceedings of the South East Asia Regional Computer Conference 2007. November 18-19, 2007. Bangkok Metro, Thailand.
8. Vol 16, Number SP3, December 2008, Proceedings of the Fifth International Conference on eLearning for Knowledge-Based Society. December 11-12, 2008. Bangkok Metro, Thailand.

4. SAMPLE CONTENTS

As an example, the list of the papers published in Vol. 17, Number 1, January –

April 2009, is given below. It should be noted that most of the papers are from outside of Thailand. As a matter of fact, the foreign authors have been using the publications in IJCIM for advancement in their academic titles.

- A Study on The Relationship Between Knowledge Management, Knowledge Absorption and Innovative Management Capabilities In Taiwan's High-Tech Industries, by Pang-Lo Liu and Chih-Hung Tsai.
- An Empirical Model of the Attitudes of the Public Servants in Nigeria to Information and Communications Technology, by O. C. Akinyokun and B. O. Adejo.
- Implementation and Evaluation of New Cryptography Algorithm for E-mail Applications, by A.I. Khamg and A.R.Ramli.
- A Design of Security Protocol Using Hybrid Encryption Technique (AES-Rijndael and RSA), by E. Ramaraj, S. Karthikeyan and M. Hemalatha.
- Data Throughput Evaluation in a Mobile System, by Jahangir Dadkhah Chimeh, Mohammad Hakkak, Hamidreza Bakhshi and Seyed Ali Alavian.
- Flow Control in Reliable Multicast Protocol, by Ali M. Alsaih.
- Fault Tolerance Using Algorithm-Based Data-Word Recovery, by Goutam Kumar Saha.
- On-Line Nonlinear Modelling and Forecasting of Streamflow Using Neural Network, by Mohd Yusoff Mashor

5. PAGE CHARGES

The Editor-in-Chief, Prof. Dr. Srisakdi, awared of the cost to the University of producing the IJCIM, decided to impose page charges on authors to pay for the publication and related expenses. The

amount of the charge per page is \$50 which is 50% lower than the page charges imposed by the University of Chicago Press. The new policy took effect from January 2008. So far many authors have paid the page charges in accordance with the directive which was reflected in the Call for Papers at that time. Some authors object to paying the page charges, but their manuscripts are not published until the page charges are received in the Bank of Ayuthaya. Each issue of the IJCIM is distributed to libraries in universities around the world. Each author of an article in the issue receives two copies of the issue in which his or her paper is published.

As of the year 2009, the page charges have been suspended due to worldwide economic crisis.

6. CONCLUDING REMARKS

It is, of course, no accident that the IJCIM should take on the ambitious task of surveying the whole vast field. But this is, the Managing Editor and Assistant Editor believe, also appropriate given the wide ranging interests of our Editor-in-Chief. He has worked in business and government as well as in academic settings. He has established and developed academic programs, organized conferences, engaged in research, pioneered in the Internet and in the field of eLearning, established his own foundation, Prof. Dr. Srisakdi Charmonman Foundation, to support technological developments and education. In many other ways he has worked hard and enthusiastically to make computers and the Internet an important part of life for people in Thailand and throughout the world. Assumption University is very thankful to be involved in an enterprise that so realized the wide interests and inquisitive mind of Prof. Dr. Srisakdi Charmonman, the journal's founder, Editor-in-Chief and guiding light.