
An introduction to a new journal

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Biographical notes: Changpeng Ji is currently a Professor at the School of Electronics and Information Engineering, Liaoning Technical University. His main research interests include computing intelligence, information science and technology, computer communication, signal processing, and convergence computing. He has published more than 100 articles in edited volumes and academic journals. He has also owned a number of patents in his research fields. He has organised a number of international conferences mainly in the field of computer science and computer communication. He has given public and academic lectures, and received prizes for academic excellence from various academic institutions and foundations.

Welcome to *International Journal of Convergence Computing (IJConvC)*, a new peer-reviewed journal with a multidisciplinary focus. *International Journal of Convergence Computing* is also an online journal, which aims to contribute to understanding all aspects of convergence computing and facilitate communication between upper level undergraduates, graduate students, professionals, academics, and researchers working in all of these fields.

The very term ‘convergence’ is itself a source of confusion and bewilderment, which is involved in a variety of specialty areas. Adapted from Martin Greenberger, University of California at Los Angeles, the meaning of convergence can be described as following: In mathematics, convergence means the property or process of approaching a mathematical limiting value.

As for *IJConvC*, originally, we thought it was the combination of mathematics and computer science. Then we discovered that, apart from some academic overlay, the whole term ‘convergence computing’ is based on a factual scientific premise that convergence computing is the normal method of computational mathematics, and it also continues to take on new meanings. In recent years, convergence computing concepts, theories and methods have attracted more attentions in the related areas of computer science, information science, engineering, and so on (Chambolle and Pock, 2011; Zhao et al., 2012). At the same time, with the development of intelligent computing, it is also the new trend in which the intelligent information processing, researches on intelligent computing are related to applied mathematics, computational mathematics, operational research and cybernetics, information science, computer science, system science, scientific control. In this one, convergence computing is a major research direction of modern intelligence technology (Zeng, 2004).

Based on the latest technologies, information processing methods, and best practice strategic processes, *IJConvC* also on things like cloud computing, artificial intelligence,

multimedia and global learning, flexible manufacturing systems, and knowledge management (Lemay et al., 2012; Rudolph, 1996).

However, these topics are not able to cover the research areas which convergence computing may include. It is quite obvious that the convergence computing has become an interdisciplinary issue, which also involves the research on the convergence of management problems (Lin et al., 2007), economic convergence (Libman and Vinokurov, 2012), and all the others who support convergence computing in their own way.

IJConvC provides an academic platform to help upper level undergraduates, graduate students, professionals, academics, and researchers working in corresponding fields to promote their new research works and to communicate with each other's thoughts. *IJConvC* is also supported by a strong editorial board. All submitted papers will be reviewed by at least two experts in the field. Articles published in *IJConvC* will be listed in Inderscience and then archived or indexed in Inderscience as well as certain other archives.

In addition, one of the core aims of *IJConvC* is to encourage emerging research scholars to publish their latest research findings in this journal that will be read by the global community of scholars working on these corresponding topics.

The *IJConvC* staffs are proud to be the facilitators to raise this new journal. Meanwhile, the *IJConvC* staff would like to thank every single individual who has contributed and continues to contribute by their research papers. We will try our best to build the research direction to emerge also as a research and innovation area in the future, and we also promise to work even harder in order to ensure it to be one of the top ranking journals around the world.

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