

Message from the Editor-in-Chief

The IEEE Intelligent Informatics Bulletin (IIB) is the official publication of the Technical Committee on Intelligent Informatics (TCII) of the IEEE Computer Society. It aims at promoting the excellent research on the wide spectrum of intelligent informatics, as well as displaying the news/reports on TCII related conferences and other activities. This issue- the first of its kind- of the IEEE Intelligent Informatics Bulletin makes a novel attempt publishing a carefully selected collection of Ph.D. thesis abstracts. Only these defended during the period of January 2016 to July 2017 are targeted considering timeliness. This issue also includes, a Report edited by Marius Silaghi, a profile by Karen J. Smith (edited by Mike Howard), two short feature articles, respectively by Tom Williams and Sen Yang, and a book review by Weiyi Meng (edited by Ruili Wang).

This new attempt of the Intelligent Informatics Bulletin intends to offer an opportunity for young talented scholars at the beginning of their career to introduce their previous and ongoing research work to potentially interested scholars in similar intelligent informatics subdomains. To achieve this goal, it is required that a URL to Ph.D. theses' soft copy should be included with the submitted abstract, and this URL should be accessible and properly maintained continuously.

In total, 43 abstracts of the Ph.D. thesis were successfully submitted. 55 authors come from 21 different countries located in Asia, North America, Europe and Africa. Each submitted abstract was reviewed by at least 2 editorial board members of the bulletin. According to the ranking of reviewing scores, only the top 24 submissions were selected to publish in this Ph.D. thesis abstracts section. The selected submissions cover numerous research and applications under intelligent informatics such as robotics, cyber-physical systems, social intelligence, intelligent agent technology, recommender systems, complex rough sets, multi-view learning, text mining, general-purpose learning systems, Bayesian modeling, knowledge graphs, genetic programming and dynamic adversarial mining.

The key issues of this Ph.D. thesis abstracts section are summarized above. The organizers wish that this special issue can bridge different subdomains of intelligent informatics and encourage further communications and cooperation within the whole scholar community. Special thanks are due to Prof. Xin Li for spearheading this effort.

In addition, we are pleased to announce that the publication of selected PhD abstracts will be continued in future years. Thus, we plan to have two issues of IIB published each year, one in summer and one in winter. We welcome your feedback on this special issue, as well as future issues of IIB.

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Editor-in-Chief
The IEEE Intelligent Informatics Bulletin