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Preface

Welcome to the third volume of *Transactions on Computational Collective Intelligence* (TCCI). It is the second year of this new Springer journal which is devoted to the research in computer-based methods of computational collective intelligence (CCI) and their applications in a wide range of fields such as semantic web, social networks and multi-agent systems. TCCI strives to cover new methodological, theoretical and practical aspects of CCI understood as the form of intelligence that emerges from the collaboration and competition of many individuals (artificial and/or natural). The application of multiple computational intelligence technologies such as fuzzy systems, evolutionary computation, neural systems, consensus theory, etc., aims to support human and other collective intelligence and to create new forms of CCI in natural and/or artificial systems.

TCCI is a double-blind refereed and authoritative reference dealing with working potential of CCI methodologies and applications, as well as emerging issues of interest to academics and practitioners. This issue contains a collection of 10 articles selected from high-quality submissions addressing advances in the foundations and applications of computational collective intelligence.

The research area of CCI has significantly been growing in recent years and we are very thankful to everyone within the CCI research community who has supported the *Transactions on Computational Collective Intelligence*, and its affiliated events including the *International Conferences on Computational Collective Intelligence: Technologies and Applications* (ICCCI). The first ICCCI was held in Wroclaw, Poland in Oct. 2009. ICCCI 2010 was held in Taiwan in Nov. 2010 and ICCCI 2011 will be hosted in Gdynia, Poland in Sep. 2011. With this strong support and a large number of submissions we are very pleased that TCCI and ICCCI are being cemented as high-quality platforms for presenting and exchanging most important and significant advances in CCI research and development. We would like to thank all the authors for their contributions to TCCI. This issue would also not have been possible without the great efforts of the editorial board and many anonymously acting reviewers. Here, we would like to express our sincere thanks to all of them. Finally, we would also like to express our gratitude to the LNCS editorial staff of Springer, in particular Alfred Hofmann, Ursula Barth, Peter Strasser and their team, who have supported the TCCI journal and the editorship of this issue in a very professional way.

February 2011 Ngoc Thanh Nguyen

Transactions on Computational Collective Intelligence

This new journal focuses on research in applications of the computer-based methods of Computational Collective Intelligence (CCI) and their applications in a wide range of fields such as semantic web, social networks and multi-agent systems. It aims to provide a forum for the presentation of scientific research and technological achievements accomplished by the international community.

The topics addressed by this journal include all solutions of real-life problems, for which it is necessary to use computational collective intelligence technologies to achieve effective results. The emphasis of the papers published is on novel and original research and technological advancements. Special features on specific topics are welcome.

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