Preface

The 2013 IEEE International Conference on Granular Computing (GrC 2013), building on the great success of the previous series of GrC conferences, is held again in Beijing, China. On behalf of the organizing and program committees, we sincerely welcome all of you to attend this significant conference. Granular computing is a general computation theory which concerns the processing of complex information entities called information granules, which arise in the process of data abstraction and derivation of knowledge from information. This year conference provides an excellent opportunity to gather the researchers and practitioners together, sharing and discussing new results in research, development and applications of GrC and promoting an exchange of ideas and cooperation.

It is our great pleasure to report that we invited three keynote speakers to GrC 2013. Professor Deyi Li, PhD, is the founder of cloud model. He is now a membership of Chinese Academy of Engineering and a membership of EuroAsian Academy of Science. His research interests include networked data mining, artificial intelligence with uncertainty, cloud computing, and cognitive physics. For his contribution, he was awarded many international and national prizes or awards, e.g. the Premium Award by IEE Headquarters, the IFAC World Congress Outstanding Paper Award, National Science and Technology Progress Award and so on. Professor Tsau Young Lin from San Jose State University, USA, is the Founding President of the International Granular Computing Society and is one of the most important scholars in granular computing area. Another excellent speaker is Professor Xiaohua (Tony) Hu, who comes from Drexel University, USA, and is also one of the most contributive pioneers for the GrC conferences. In addition, an internationally well-known scholar in the fields of data mining and software engineering, Professor Trong Wu, is invited from Southern Illinois University Edwardsville, USA. He is an associate editor of The Journal Engineering Letters. We wish to thank them all for accepting our invitation and are very happy to present such a strong group of keynote speakers and invited talks.

The success of IEEE GrC 2013 depends on people and organizations that support it. We must thank all the volunteers who helped to organize this conference. In particular, we thank Program Chairs Xingquan Zhu Hill, Tingting He, Tzung-Pei Hong, GuiLong Liu, Gang Xie, the Special Session Chairs Chun-Hao Chen, Tzung-Pei Hong, Shyue-Liang Wang, Yasuo Kudo, the Workshop Chair Xu Xusong, who together with
the Steering Committee, Program Committee, Workshop and Special Session Organizers, created a great technical program. In addition, we would like to thank the Financial Committee Chairs Xiaohua (Tony) Hu, Publicity Committee Chair Fusheng Jin, and Web Committee Chair Jiehao Chen and all the organization members, especially Hong Song, Peng Li, Tu Peng, Jingnan Wang, Ting Lin, Jiyun Shi, and Wenbing Deng, for their hard work.

The conference would not be possible without sponsors. The academic sponsors include National Natural Science Foundation of China, IEEE Computer Society, International Granular Computing Society, and School of Software of Beijing Institute of Technology.

Finally, we wish you will find IEEE GrC 2013 an inspiring and informative experience and enjoy your leisure stay in Beijing, China.

Bo Zhang, Gangyi Ding, ShuLiang Wang
General Chairs