Welcome to the Workshops of the 39th International Conference on Parallel Processing (ICPP 2010), which will be held in San Diego, California, USA from September 13 to September 16, 2010. As very important events of ICPP, the workshops provide an essential platform for researchers in parallel processing community to present and discuss their newest ideas and current results. This year, we offer conference attendees 9 workshops, as listed below.

- The International Symposium on Embedded Multicore Systems-on-chip (MCSoC 2010)
- The International Workshop on Parallel Software Tools and Tool Infrastructures (PSTI 2010)
- The Third International Workshop on Parallel Programming Models and Systems Software for High-End Computing (P2S2 2010)
- The Second International Workshop on Green Computing (GreenCom 2010)
- The International Workshop on Compilers, Languages, and Architectures for Web Services (CLAWS 2010)
- The Sixth International Workshop on Scheduling and Resource Management for Parallel and Distributed Systems (SRMPDS 2010)
- The International Workshops on Data Intensive Applications in Mobile and Distributed Environments (DIAMOND 2010)
- The International Workshop on Applications of Wireless Ad Hoc and Sensor Networks (AWASN 2010)

Focused on a rich set of specific topics, these workshops provide ICPP researchers the opportunity to learn from a multi-disciplinary experience. The Workshop Co-Chairs would like to thank the workshops organizers for their great efforts and hard work in proposing their workshops, selecting the papers, preparing the programs, and organizing the workshops during the conference days. We are grateful to Prof. Ming T. (Mike) Liu, Steering Committee Chair of ICPP International Conference for his strong encouragement and advice. We would like to thank the General Chair Prof. Ten H. Lai, and the PC Chair Prof. Pen-Chung Yew for their support and help. Finally, we would like to give special thanks to Mr. Patrick Kellenberger for production of the workshop proceedings.

We hope you enjoy the workshops programs and proceedings.

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