CDS 2007 is the First International Workshop on Cooperative Distributed Systems, which is organized in conjunction with the 27th International Conference on Distributed Computing Systems (ICDCS 2007), Toronto, Canada, June 25, 2007.

Most real world systems and applications are inherently distributed. Distributed systems provide extensibility, protection against single failures, and an adequate architecture to cope with spatially distributed real-world applications. These systems are widely used in distributed databases, telecommunication, groupware, security, monitoring habitat and education. The challenge in developing CDS systems is in modelling and engineering the interactions between the entities of the system. The aim of this workshop is to provide a forum for academic and industry professionals to discuss recent progress and challenges in the area of cooperative distributed systems.

We received 18 papers out of which 10 papers were accepted by the Program Committee for publication in the proceedings of ICDCS 2007. The selected papers cover topics such as: P2P-related topics, including groupware framework based on operational transformations, enhancing neighborship consistency, public key management framework, and virtual learning communities on the grid; topics related to mobile devices, including collaborative distributed admission control, an algorithm for load balancing, and an enterprise messaging middleware; and general distributed computing topics, including multi-agent cooperative design support, overlay structures to support range query, and coordination in disaster management and response.

We are grateful to the authors who submitted papers. We would like to thank all program committee members for their support.

We are also grateful to ICDCS organizers for their continuous support and cooperation. We would like to express special thanks to Dr. Ling Lu for her timely support and organization. Finally, we would like to thank Jodrey School of Computer Science, Acadia University for the support in maintaining the workshop website.

We wish all of you entertaining and rewarding experience in CDS and ICDCS conference.

CDS Workshop Organizers
Elhadi Shakshuki, Acadia University, Canada
Darcy Benoit, Acadia University, Canada
Tomasz Mrdner, Acadia University, Canada