Message from the General Chair

On behalf of the organizing committee let me extend a warm welcome to the delegates of the 12th ACM/IEEE International Symposium on Cluster, Cloud and Grid Computing (CCGrid 2012) that is being held in Ottawa, Canada. We had a record number of submissions this year, from 43 different countries in the world. The selection process was highly competitive and has resulted in an exciting program that you will enjoy in the next few days. The organization of CCGrid 2012 has been a team effort and I am grateful to all including volunteers and committee members, authors and presenters, conference sponsors and participants.

Over the past decade CCGrid has evolved to be a premier conference in the area and is supported by ACM and IEEE (including its Computer Society and Technical Committee on Scalable Computing). This 12th edition continues the tradition and will be a venue for discussing leading edge research on cluster, cloud and grid computing. In addition to the dissemination of research results by authors from various parts of the world, the conference program includes the presentation of the IEEE Medal of Excellence in Scalable Computing, keynote speeches from internationally known researchers as well as presentations on the state of the art from the industry. I would like to acknowledge the important contributions made by these speakers in making the conference a fruitful and interesting forum for discussion. I am also thankful to our sponsors from industry, academia and government whose support, both in cash and kind, went a long way in making CCGrid 2012 successful.

This year, the symposium features a number of interesting events that have been managed by the various organizing committees. The Program Committee led by Dr. Rajkumar Buyya and Dr. Pavan Balaji has worked diligently in collaboration with its vice-chairs and members to select a set of high quality papers on research advancing the state of the art in cluster, cloud and grid computing. Dr. Marin Litiou and Dr. Mukaddim Patahn, the Workshop co-chairs have been instrumental in staging an excellent set of workshops addressing a variety of different topics. Each workshop has resulted in a high quality forum for research presentation and discussion – thanks to the organizers of each workshop. CCGrid includes an event devised specifically for doctoral students for discussing their PhD research and the orchestration of this Doctoral Symposium is aptly handled by Dr. Yogesh Simmhan and Dr. Carlos Varela. Dr. Suarj Pandey played multiple roles and took on the responsibilities of the Proceedings Chair, the Posters & Research Demo Chair and Cyber Co-Chair with great enthusiasm. Dr. Shantenu Jha and Dr. Pavan Balaji, the coordinators for the SCALE Challenge took care of the difficult task of managing this event whereas the Tutorials Co-Chairs, Dr. Rob Simmonds and Dr. Sushil Prasad selected a set of interesting tutorials that will lead to an effective learning experience for the attendees. Dr. Imran Ahmad, our Finance Chair, played the important role of controlling finance and balancing the book whereas Dr. George Yee and Dr. Ashraf Matrawy, our Local Arrangements Co-Chairs took on the responsibility of managing the daily conference activities leading to a successful staging of the conference. Dissemination of information and publicity are two very important aspects of any conference. The Cyber Co-Chairs: Anton Beloglazov and Trevor Gelowsky did an excellent job in maintaining the conference webpage whereas the
Publicity Co-Chairs: Dr. Helen Karatza, Dr. Ioan Raicu, Dr. Bruno Schulze and Dr. G Subrahmanya VRK Rao handled publicity for the conference with a great zeal and dedication. I am grateful to you all. Without your help it will not have been possible to organize this conference. I would also like to acknowledge Dr. Geoffrey Fox our Honorary Chair and the members of the Steering Committee chaired by Dr. Rajkumar Buyya for their help in organizing the conference. Thanks are also due to the energetic staff of the Delta Ottawa City Centre Hotel for looking after the various requirements of the conference and to E. Brookes Little of IEEE Computer Society for her help with our interactions with IEEE.

CCGrid 2012 is truly an international event with delegates form various parts of this world. The conference has come to Canada for the first time - and what could be a better time than the spring when the city is celebrating its Tulip Festival that captures the spirit of international friendship. Outside of the conference schedule, please take your time in exploring this great city, its monuments and museums and its beautiful paths and trails along the Rideau Canal and the Ottawa River. Utilize the opportunity to enjoy the various cultural events being staged during this world famous Tulip Festival and enjoy the informal ambience and the variety of cuisines provided by the restaurants of the Byward market – all within close proximity of the conference venue.

Enjoy the conference and I wish you all a very pleasant stay in Ottawa.

![Shikharesh Majumdar](image)

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