Message from the CloudCom 2010 General Chair

Welcome to the 2nd IEEE International Conference on Cloud Computing Technology and Science (CloudCom 2010) to be held in Indianapolis, Indiana, November 30–December 3, 2010, under the auspices of the IEEE TCSC with IEEE CS sponsorship. The Cloud Computing Association is responsible for initiating and steering this series. It is a pleasure to welcome all of the attendees, authors, invited speakers, and guests. I hope that you will have a memorable and stimulating time at this conference in the excellent facilities of Indiana and Purdue Universities’ Indianapolis Campus.

Cloud computing is considered by many to be today’s key transformational information technology. It impacts all organizations with IT needs from small businesses to the largest enterprises. It affects us all because clouds support interactive (Web2.0) web resources and provide the natural back-end to the tsunami of smart phones and tablets. Although clouds were initially developed by industry, they clearly have important implications for the research community. Clouds can be an important computing platform of the future for scientific problems, and papers in this meeting cover studies of which applications are suitable. Further the opportunities for new computer science research abound in security, run time, language, and architecture topics at both the cloud level and for clouds as part of a sustainable economy.

This conference caters to active cloud researchers with a variety of tracks presenting the latest research contributions. In addition, a rich set of tutorials will cover many important commercial and academic cloud systems and technologies. Panels delve into critical issues around the use, technologies, and standards for clouds. The large number and excellent quality of the submitted papers testify to the vitality of the cloud computing research area.

Finally I would like to thank everybody whose hard work will make this conference a success. Many contributors are listed in the Program Chair’s message, so here I will single out the PC chairs for their dedicated work. It was amazing that the more than 200 main conference papers were fully reviewed in a little over two weeks.

Geoffrey Fox
General Chair, CloudCom 2010