Message from the Program Chairs

On behalf of the Program Committee, it is our pleasure to welcome you to the 1st IEEE Symposium on Network Cloud Computing and Applications (NCCA 2011), held in Toulouse, France.

Cloud computing is the delivery of computing as a service rather than a product, whereby shared resources, software, and information are provided to end-users as a utility over the Internet. This new approach to computing enables end-users to focus on what the service provides them rather than how the services are implemented or hosted. In spite of the great impact that cloud computing has had on business in recent years, it is still an evolving concept that will take many years to fully mature and require many scientific challenges to be solved. The conference covers a breadth of these scientific challenges, ranging from cloud computing infrastructures and self-managing and autonomic platforms, to security issues and applications of cloud computing.

This volume contains the 23 papers accepted for presentation at the symposium. These papers were selected from 39 submissions. Each submitted paper received at least two reviews. The program committee believes that this collection of papers effectively demonstrates the achievements of the cloud computing research community in providing firm conceptual and engineering foundation for this field of research.

The technical program is structured into seven sessions, plus a Work-in-Progress (WiP) session that will be held on the morning of the last day of the conference. Additionally, this year’s program includes two keynote talks.

The symposium was made possible by the hard work of a number of people, to whom we are very grateful. They include: the keynote speakers, Bob Werner of the IEEE Computer Society Conference Publishing Services, who helped in preparing these proceedings; all session chairs; all external reviewers who assisted in the review process. Finally, we would like to thank all authors who submitted their work (whether it was accepted or not).

We wish you a very interesting and exciting conference in the wonderful city of Toulouse!

O. Brun, J.-M. Garcia, S. Papavassiliou, A. Puliafito
Program Committee Chairs

P. Senac
Financial Chair

J. Alonso
Information Assurance Chair