Message from the Workshop Organizers

WPBA

We are pleased to present the program of the Workshop on Parallel and Distributed Computing for Big Data Applications (WPBA 2014), held in Conjunction with the International Symposium on Computer Architecture and High Performance Computing (SBAC-PAD). Nowadays, the abundance of data is changing the way companies make business. Public data widely accessible and shared on the web can be used by governments to several uses, from monitoring the spread of epidemic diseases to predicting crowd behavior such as violent protests to monitoring the spread of epidemic diseases. Massive data analysis is also changing the way science is made in many knowledge fields, such as in biology, astronomy, high energy physics, materials science and earth sciences, to mention a few. The aim of this workshop is to provide a forum for application designers and computer architects to discuss:

- New applications and services that are changing the way millions of individuals take daily decisions such as where to go, where, how, and when to buy;
- Tools and techniques that emerged to support massive offline analysis of web scale datasets and multi petabytes datasets on many thousands of computers.

We present a program composed of 6 high quality papers, selected from 12 submissions. We would like to thank to the authors for considering WPBA as a venue to publish your work. We thank the reviewers for their relevant work. Finally, we hope you enjoy WPBA!

Claudio Geyer

Hermes Senger