Welcome all to the IEEE First International Workshop on Container Technologies and Container Clouds: WoC 2015.

Lightweight Operating System Containers like Docker, Warden, and Rocket are creating storms in the Cloud. They are likely to transform the computing industry, as we know it, in the next few years. Numerous cloud offerings use containers as basis of deployment including CloudFoundry, Heroku, IBM Bluemix, and so on. This first workshop on container technology and container cloud invited papers on fundamentals of containers, their use in various commercial and scientific fields, and on the container deployment and orchestration technologies to enable container cloud platforms.

We want to thank all the authors for their strong papers on this important topic. We had an overwhelming number of papers for the first installment of this workshop. We have a very exciting and rich program covering a variety of topics including the use of containers for scientific computing, comparison of containers and virtual machines, OS specialization using containers, containers as a building block to offer multi-tenant software services, containers as a vehicle to enable fault-tolerant execution of Hadoop jobs, containers for reproducible research results, and so on.

In addition, we have two invited speakers: one covering the container technologies and another covering the container cloud concepts and the cloud evolution with containers. We thank the invited speakers for taking the time to talk to us.

We want to thank the audiences for coming to the workshop and joining the discussions. We hope that everyone attending this workshop will get a comprehensive understanding of the state-of-the-art in containers and that the discussions result in stimulating ideas they can take away and implement in their labs.

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