Welcome to the First International Workshop on Real-Time Service-Oriented Architecture and Applications (RTSOAA 2008)!

RTSOAA 2008 is inaugurated this year with the goal of establishing a reputable and respectable conference eventually at which an international community of researchers and practitioners can exchange information regarding advancements in the state of the art and practice of Real-Time Service-Oriented Architecture and Applications, and to identify the emerging research topics and define the future of RTSOAA. Though SOA has become the default discipline of IT development and service offerings, the territory of synergizing SOA and Real-Time System is still uncharted and waiting to be explored.

As the paradigm of service-oriented computing gains more prominence in the development of systems and commercial applications, the capability of guaranteeing service timeliness is becoming a critical feature that elevates an enterprise to the higher ground. A business supporting real-time capabilities can provide a better quality of service (comparing with its peers) by shortening the latencies of data, analysis, decision and execution. As such, the disciplines of real-time service-oriented architecture and application (RTSOAA) evolve traditional service-oriented computing approaches to the next level of excellence.

In its first year, RTSOAA 2008 attracted submissions from a diverse group of authors. Each submitted paper was reviewed by 3-4 Program Committee members. The review results were further speculated by the overall Organization Committee. After reviews and follow-up discussions, the Program Committee selected twelve articles for presentation in the workshop. Regrettably, a number of strong papers cannot be accepted due to the mismatch between them and the workshop themes.

We appreciate all the authors who submitted their work to the workshop. We are glad to have a high-quality and exciting program. We are also very grateful for all the members in the Program Committee who spent much time and efforts of reviewing papers. We'd also like to thank the COMPSAC Program Chairs, Workshop Chairs, and other Staff for their help in making this workshop a reality. Finally, we welcome and thank you for attending RTSOAA 2008. We sincerely hope you find this workshop stimulating and enjoyable!

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