**Special Session Proposal**

**Scheduling and Resource Provisioning in Cloud environment using optimization techniques**

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***Abstract:*** Transferring computing workloads to the cloud can comprehend compelling economic benefits. Cloud computing is a model for enabling ubiquitous, convenient, on-demand network access to the sharable computing resources. The services of cloud could be effectively used for running large scale data and computation intensive scientific workflow applications. Finding the optimal schedule for such workflows or workloads has been a major concern in research. Any novel approach of optimizing the schedule of the workflow or workloads with any QoS parameters is welcomed. Correct execution sequence of workflow activities should be found for scheduling the workflow. Hence usage of any optimization method can be proposed to devise an efficient schedule for the tasks in the workflow.

**Topics of Interest include, but not limited to:**

1. **Deadline Constrained Scheduling in Cloud**
2. **Energy aware resource provisioning in Cloud**
3. **Multi objective based Optimization for workflow scheduling in cloud**
4. **Load balancing and resource provisioning in cloud**
5. **Scheduling of Stochastic Task in Cloud**