

1st International Workshop on Emerging Parallel and Distributed Runtime Systems and Middleware (IPDRM 2016)

Workshop Description:

Node architectures of extreme-scale systems are rapidly increasing in complexity. Emerging homogenous and heterogeneous designs provide massive multi-level parallelism, but developing efficient runtime systems and middleware that allow applications to efficiently and productively exploit these architectures is extremely challenging. Moreover, current state-of-the-art approaches may become unworkable once energy consumption, resilience, and data movement constraints are added. The goal of this workshop is to attract the international research community to share new and bold ideas that will address the challenges of design, implementation, deployment, and evaluation of future runtime systems and middleware.

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