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## Open Cirrus: A Global Testbed for Cloud Computing Research

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### *Abstract*

Open Cirrus is a joint project, sponsored by HP, Intel, and Yahoo!, with support from NSF, to build a global testbed for systems and services research in cloud computing. There are currently nine Open Cirrus sites, at HP Labs (Palo Alto), Intel (Pittsburgh), Karlsruhe Institute of Technology (Germany), IDA (Singapore), ITRI (South Korea), MIMOS (Malaysia), Russian Academy of Science (Moscow), University of Illinois, and Yahoo! (Sunnyvale), with more sites on the way. Each site is a cluster with 1,000--4,000 processor cores. In this talk, I'll describe the goals for the Open Cirrus project, our experience running an Open Cirrus site for the past year, and some lessons learned.

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