SIGMETRICS FY'06 Annual Report
July 2005 - June 2006
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SIGMETRICS had a good year.

The SIGMETRICS conference continues to be a high quality conference. We continue to receive a large number of submissions, and our acceptance rate at the 2006 conference was approximately 13%. Several workshops are now included as part of the conference's tutorials/workshops program (not all of these occur every year). These workshops include: Workshop on MAthematical performance Modeling and Analysis (MAMA), Workshop on Tackling Computer Systems Problems
with Machine Learning Techniques (SysML), Workshop on Advanced Internet Charging and QoS Technologies (ICQT'06), and Workshop on Job Scheduling Strategies for Parallel Processing. We continue to support student travel through industrial funds. Conference and workshop attendance were higher than the previous year.

The SIG is now supporting and is also in cooperation with several other conferences, in addition to its main one, including ACM SenSys and WOSP (International Workshop on Software and Performance).
Professor Dick Muntz of UCLA was selected as the recipient of the SIGMETRICS Achievement Award, in recognition of his pioneering contributions to performance modeling, especially the landmark enabling of the modern theory of queueing networks.
In 2006, ACM approved our application to name the SIGMETRICS best student paper award after Professor Ken Sevcik, a former SIGMETRICS Achievement Award winner, and one of the leading lights of our community. The SIG is exploring the creation of a new award for rising stars in our
community, e.g., at most 7-10 years post PhD.

SIGMETRICS has a few unique challenges that we would like to work on during the next 2-3 years.

First, being a SIG that is specifically designed to bridge systems research and analytical performance research, means that SIGMETRICS is in the difficult position of having to satisfy the needs of two, often disparate, communities. Thus far SIGMETRICS has done a fantastic job of being well-known in both communities as being a tier-1 conference, however this is something that we need to continue to work on. One approach that we're taking this year is to be more inclusive of both communities by attempting to accept a few more papers, possibly via some limited parallel tracks.

Second, since a large portion of analytical performance research today is being done in Europe, rather than the U.S., SIGMETRICS needs to always be working on increasing its presence in Europe. Our existing solution is to have a joint conference with Performance every 3 years. A more recent improvement (over the past 3 years) has been to move our PC meeting to New York City, which is more accessible to Europeans and allows more Europeans to attend our Technical Program
Committee (TPC) meeting. We are also reaching out to the Informs Applied Probability community, whose membership includes many Europeans, by advertising SIGMETRICS there and by including more Informs members on the TPC.

Third, SIGMETRICS has always prided itself on being a SIG that emphasizes the application of theory into computer systems design. To be most effective in this goal, SIGMETRICS needs to greatly increase its visibility to companies and get continued industrial support. We have been working hard in this area. Our 2006 conference received funding from: VMWare, Microsoft Research, Intel, HP, FranceTelecom, and IFIP WG 7.3. For our 2007 conference, we have already secured

funding from Google, and are asking our previous supporters for funding as well. Finding a steady source of industrial support is a long-term goal for our SIG.