

# ARTES Travel Report – APLAS 2007

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I attended the *Fifth ASIAN Symposium on Programming Languages and Systems* (APLAS) 2007. It took place in Singapore from the 29th of November to the 1st of December 2007. The program is available at <http://www.comp.nus.edu.sg/~aplas07/program.html>.

The conference provides a very high quality forum for the programming language community, with a focus on the underlying theories and principles.

One very interesting talk was the invited talk by Sriram Rajamani from Microsoft Research titled "Static and Dynamic Analysis : Better Together" which discussed the combination of test case generation tools and static verification (in the form of the Microsoft SLAM software model checker) to be able to perform faster and more efficient verification of software properties. Their focus is on untimed systems, which means that while they can check for temporal ordering of events it cannot check for general time properties. But undoubtedly timed properties could be added to the system, if that was desired. In general all three invited speakers gave very good overviews of their areas.

When it comes to the research that comes closest to mine, which more directly applies to real-time programming, the most interesting contribution was *Timed, Distributed, Probabilistic, Typed Processes* by Martin Berger and Nobuko Yoshida. They introduce a typing discipline extending the linear type discipline to distributed timed processes, something that assures certain kinds of safety for the distributed timed processes.

I was very happy with the conference, even if I was more afflicted by jet-lag than I usually am, so I had to limit my social activities in favor of the scientific program. Singapore is a great country to visit though, with warm weather and good food. I would definitely go to APLAS again if I get the chance, and the same goes for Singapore.