

# ARTES++ Travel Report to PRDC'06

The 12<sup>th</sup> IEEE Pacific Rim Symposium on Dependable Computing

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## 1 Introduction

The 2006 edition of PRDC was the twelfth symposium in this series dedicated to the field of dependable and fault-tolerant computing. The symposium was organized by the University of California, Riverside, a city on the west coast of the US, about one hour drive from Los Angeles, California.

## 2 Conference Program

As a conference which aims to establish itself as the main regular event in the Pacific area that covers the area of dependability and fault tolerance, the PRDC attracts a very broad spectrum of scientists from all over the world. The accepted papers (42 out of 117 submissions) encompassed both theoretical analysis and experimental approaches, including commercial projects, in the dependability field. There were several interesting presentations from the software testing, security and intrusion detection communities. Some interesting ideas were also discussed in the short paper tracks.

The keynote speeches targeted a very broad audience. The topics under discussion included the challenges in dependability of future networked systems, software testing and software reliability, and some reflections on the development of nano-technologies and *reliability* as a fundamental attribute for the success of nano-fabrication.

My presentation of the paper entitled *Flexible, Cost-Effective Membership Agreement in Synchronous Systems* was scheduled for December 18<sup>th</sup> (the first day of the conference). This paper is joint work of myself and my adviser – Professor Johan Karlsson. It was, as usual, extremely gratifying to hold the 30 minutes presentation and to answer the questions from the audience, which definitely help in the development of our future work in this area.

### 3 Accommodation and Surroundings



Figure 1: Pictures from the conference area

I was accommodated at the Courtyard by Marriott, in Riverside. Figure 1 shows several photographs taken in the Riverside area. One hour north we found the Big Bear Lake with a lot of snow whereas one hour south we found the sunny Laguna Beach. Yes, the two pictures on the right hand side were taken 1 day and 200 km apart.

### 4 Conclusion

The trip to this year's edition of PRDC was quite interesting. The questions after my presentation provided me with some feedback which will certainly affect the direction of the future work (and future presentations). It was also interesting to listen to other presentations within my area (but not only). I think I learned a bit about the more general *consensus problem* (which has *membership agreement* as a sub-problem) and about some other research areas such as database transaction management and intrusion detection.