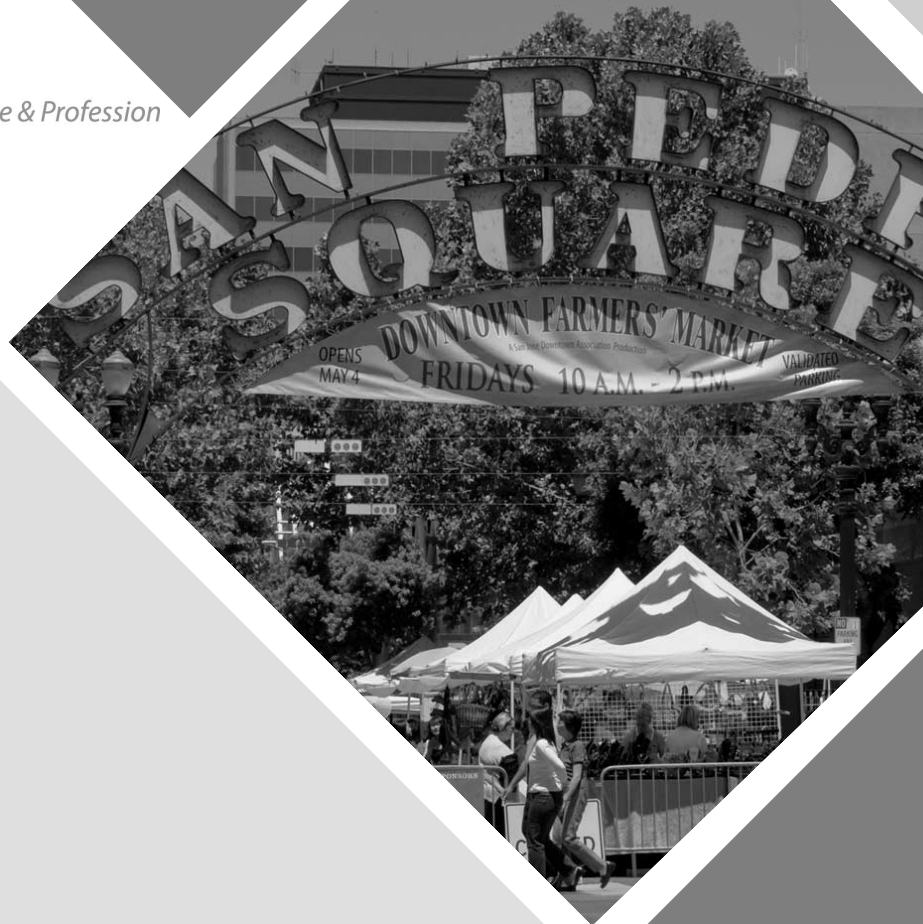


June 6–8, 2011
San Jose, California, USA



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PODC'11

Proceedings of the 2011 ACM Symposium

Principles of Distributed Computing

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Foreword

This volume contains 34 extended abstracts and 31 brief announcements selected for the 30th Annual ACM SIGACT-SIGOPS Symposium on Principles of Distributed Computing (PODC), held on June 6-8, 2011, in San Jose, California, USA, as part of the 5th Federated Computing Research Conference (FCRC). The program committee selected these papers among 129 regular submissions, and 34 additional brief announcements submissions. The selection of the papers was done electronically using EasyChair, in two phases. During the first phase, which lasted slightly more than one month, each paper was reviewed by at least three program committee members, with the help of external referees. During the second phase, which lasted more than two weeks, the papers have been discussed and compared, until the program committee eventually converges to the final list.

It is expected that many of these papers will appear in more polished form in refereed scientific journals. A selection of papers has been invited to appear in the Journal of the ACM, and to a special issue of Distributed Computing dedicated to PODC 2011. The program committee has delivered the PODC 2011 Best Paper Award to the paper “The Space Complexity of Long-Lived and One-Shot Timestamp Implementations” by Maryam Helmi, Lisa Higham, Eduardo Pacheco and Philipp Woelfel. The PODC 2011 Best Student Paper Award has been delivered to the paper “Distributed Deterministic Edge Coloring using Bounded Neighborhood Independence” by Leonid Barenboim and Michael Elkin.

On behalf of the program committee, I would like to thank the many authors who submitted their work for consideration by the conference. As it is often the case, the decision of the committee was made difficult by the large number of very good submissions. We thus look forward to seeing many of the papers that were not able to fit into PODC 2011 appearing in other venues. We hope that the authors of these submissions will continue to be interested in PODC, and that they will see their work appear in future PODC.

I would like to express my deep thanks to all members of the program committee, with whom it has been a great pleasure to work.

Pierre Fraigniaud

PODC 2011 Program Chair

CNRS and University Paris Diderot

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