Introduction

It is our great pleasure to present the first issue of the fourth year for the ACM Transactions on Architecture and Code Optimization (TACO). ACM TACO focuses on hardware, software, and system research spanning the fields of computer architecture and code optimization. Articles that appear in TACO present insights useful to architects, compiler writers, and hardware or software developers. We believe it is the premier archival journal targeted at research in computer architecture or compiler code optimization.

The first 3 years of TACO have seen tremendous growth. With this first issue of the fourth year, we have published 13 quarterly issues with 50 high-quality papers from over 180 submissions. We thank the authors for sending their top work to TACO. Additional credit goes to our truly outstanding editorial board; we thank them, and the reviewers, for the hard work they have already put into assembling the first 3 years and the upcoming issues in 2007.

The growth and success of TACO have necessitated a couple of changes. First, beginning with the last issue of 2006, we have increased the size of each TACO issue, allowing the publication of more papers (typically 6 papers now, instead of 4). We anticipate this to continue into the foreseeable future. Second, we will go from a biannual call for papers to a single annual call for papers. Authors can still submit a paper at any time, but papers submitted for the annual call for papers will always be returned with a guaranteed time to decision in the neighborhood of 70 days. Going to a single call for papers will allow our associate editors to distribute their workload more evenly over the year. The annual call for papers will typically happen with a deadline in March, midway between the ISCA/PLDI and Micro deadlines. We still expect the annual call for papers to be very popular. Last year, 50 papers were submitted in response to the 2 calls. However, we will continue to strive to return decisions quickly on all submitted papers.

We hope you enjoy ACM TACO and we welcome your submissions.

—BRAD CALDER AND DEAN TULLSEN
Co-Editors-In-Chief