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Preface

We are pleased to welcome you to the eleventh edition of the Middleware conference. The program this year is a sign of the robustness, activity, and continued growth of the Middleware community. As computing technology around us has evolved rapidly over the past decade, our notions of middleware have also adapted so that we stay focused on the most challenging and relevant problems for the present and future.

As a result, this year's program features papers that belong to both traditional areas as well as new directions. Cloud computing, social middleware, and transactional memory are some of the vanguard areas that you will find in this year's selection of papers. In addition, topics that have always been central to the community are also prominent this year, including publish-subscribe, multicast, reliability, legacy, location-awareness, trust, and security. The community's wise evolution reflects the dynamic role that middleware continues to play in the development of current software systems.

The program underscores the competitive selection process applied by us and the technical program committee: out of 116 papers submitted this year, we accepted 18 for regular publication. In addition Middleware 2010 also includes a new category of "Big Ideas Papers," which are bold white papers with the potential to drive longer-term innovation in the field. We selected one "big ideas" paper this year. Our industrial track once again brings forth papers that explore middleware foundations in the context of industrial practice. Finally, multiple workshops and a doctoral symposium round off Middleware this year, making it an attractive conference for students, faculty, researchers, and practitioners.

We are very deeply grateful to everyone who has contributed to the conference this year. The technical program committee worked incredibly hard to provide high quality reviews and continued to be highly engaged in discussing the papers after all reviews were submitted. We acknowledge the work of the shepherds who helped some of the authors in improving the papers. We thank all our external reviewers. We owe our gratitude to the organizing committee, the steering committee, and chairs of previous conferences, who have all provided valuable advice and a needed continuity from previous years. Finally, we thank all the authors who have submitted to this conference for their work, support and willingness to share their results.

September 2010

Indranil Gupta
Cecilia Mascolo

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Middleware 2010 was organized under the joint sponsorship of the Association for Computing Machinery (ACM), the International Federation for Information Processing (IFIP), and USENIX.

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