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Preface

Quality of Service continues to be an active research field, especially in the networking community. IWQoS is a successful series of workshops that aims to provide a forum for the presentation and discussion of new research and ideas on QoS. Traditionally, IWQoS workshops are cross-disciplinary and well focused, with the emphasis on innovation. As a result, a considerable amount of time is devoted to informal discussion.

In addition to the traditional QoS topics such as service guarantees and admission control, this year we aimed to expand the scope of the workshop by encouraging submissions offering research contributions related to robustness, resilience, security, and predictability in networking and distributed systems. As a result, the program included two sessions on availability, fault tolerance, and dependability. The other sessions covered routing, resource allocation, storage, Web services, incentives, and rate based QoS.

A great deal of effort as gone into putting together a high-quality program. The quality of submissions was very high, and the program committee had a difficult task to select 27 papers among many deserving papers. Special thanks to the program committee, and the outside reviewers, for their efforts and hard work in the reviewing and selection process during such a short time frame. We thank all authors who submitted papers to IWQoS, and who ultimately made this program possible.

We express our appreciation for our sponsors, NSF, the IEEE Communications Society, IFIP WG 6.1, and ACM SIGCOMM & SIGMOBILE.

Finally, we wish to thank Bob Miller for his help with organizing the workshop, and Keith Sklower for maintaining the IWQoS Web server.

April 2003 Kevin Jeffay, Ion Stoica & Klaus Wehrle

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Table of Contents

IV Dependability and Fault Tolerance

V Routing

VI Availability and Dependability

VII Web Services