FOREWORD

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The Twenty-Fourth Annual International Computer Software and Applications Conference, COMPSAC 2000, is the first COMPSAC of the new millennium, and as usual, it continues to focus on the emerging technologies and important issues related to software and applications. This year, in addition to focusing on the broad spectrum of technical areas, the conference will emphasize e-commerce and important industrial and academic issues such as information technology management, professional standards in software engineering, virtual education, incubator/entrepreneurship, network security, data mining, and web information systems.

This is the second COMPSAC to be held in Taipei, Taiwan, following the successful COMPSAC 94. Taipei is a major economic, financial, and cultural center in Asia. Holding COMPSAC 2000 in Taiwan is especially significant, since it provides an excellent opportunity to the international participants from around the world to observe and experience the significant progress accomplished by Taiwan’s software industry. Stan Shih, Chairman, Chief Executive Officer and Co-Founder of The Acer Group, will provide an exciting insight into Taiwan’s success in the software industry through his keynote address and participation in the plenary panel.

The planning and organization of an international conference such as COMPSAC could not be successfully completed without the dedication and contributions of many volunteers and strong organizational support. We would like to thank the Honorary Chairmen, Kang-Pei Wang and Chung-Liang Liu, for their support for the conference. The strong technical program is due to the talent and hard work of the Program Chairmen, William Cheng-Chung Chu and Dick B. Simmons, and Program Committee members. In addition, we would like to express our appreciation to the members of the Operations Committee for detailed day-to-day operations of the conference. We also would like to thank the Advisory Board for their valuable suggestions, and the local sponsors for their financial support. Finally, we would like to thank our sponsor, the IEEE Computer Society, for its continued strong support for the conference.

Welcome to COMPSAC 2000. We hope you will find this conference an enjoyable and memorable event.