

Preface

The fifth international Conference in Medical Image Computing and Computer Assisted Intervention (MICCAI 2002) was held in Tokyo from September 25th to 28th, 2002. This was the first time that the conference was held in Asia since its foundation in 1998. The objective of the conference is to offer clinicians and scientists the opportunity to collaboratively create and explore the new medical field. Specifically, MICCAI offers a forum for the discussion of the state of art in computer-assisted interventions, medical robotics, and image processing among experts from multi-disciplinary professions, including but not limited to clinical doctors, computer scientists, and mechanical and biomedical engineers. The expectations of society are very high; the advancement of medicine will depend on computer and device technology in coming decades, as they did in the last decades.

We received 321 manuscripts, of which 41 were chosen for oral presentation and 143 for poster presentation. Each paper has been included in these proceedings in eight-page full paper format, without any differentiation between oral and poster papers. Adherence to this full paper format, along with the increased number of manuscripts, surpassing all our expectations, has led us to issue two proceedings volumes for the first time in MICCAI's history. Keeping to a single volume by assigning fewer pages to each paper was certainly an option for us considering our budget constraints. However, we decided to increase the volume to offer authors maximum opportunity to argue the state of art in their work and to initiate constructive discussions among the MICCAI audience.

It was our great pleasure to welcome all MICCAI 2002 attendees to Tokyo. Japan, in fall, is known for its beautiful foliage all over the country. The traditional Japanese architectures always catches the eyes of visitors to Japan. We hope that all the MICCAI attendees took the opportunity to enjoy Japan and that they had a scientifically fruitful time at the conference. Those who could not attend the conference should keep the proceedings as a valuable source of information for their academic activities.

We look forward to seeing you at another successful MICCAI in Toronto in 2003.

July 2002

DOHI Takeyoshi and Ron Kikinis

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