Preface

It is our great pleasure and honor to organize the First IEEE Computer Society International Workshop on Biologically Motivated Computer Vision (BMCV 2000). The workshop BMCV 2000 aims to facilitate debates on biologically motivated vision systems and to provide an opportunity for researchers in the area of vision to see and share the latest developments in state-of-the-art technology. The rapid progress being made in the field of computer vision has had a tremendous impact on the modeling and implementation of biologically motivated computer vision. A multitude of new advances and findings in the domain of computer vision will be presented at this workshop.

By December 1999 a total of 90 full papers had been submitted from 28 countries. To ensure the high quality of workshop and proceedings, the program committee selected and accepted 56 of them after a thorough review process. Of these papers 25 will be presented in 5 oral sessions and 31 in a poster session. The papers span a variety of topics in computer vision from computational theories to their implementation. In addition to these excellent presentations, there will be eight invited lectures by distinguished scientists on "hot" topics. We must add that the program committee and the reviewers did an excellent job within a tight schedule.

BMCV 2000 is being organized by the Center for Artificial Vision Research at Korea University and by the IEEE Computer Society. We would like to take this opportunity to thank our sponsors, the Brain Science Research Center at KAIST, the Center for Biological and Computational Learning at MIT, the Korea Information Science Society, the Korean Society for Cognitive Science, the Korea Research Foundation, the Korea Science and Engineering Foundation, the Max-Planck Institute for Biological Cybernetics, and the Ministry of Science and Technology, Korea. In addition, our special thanks are given to Myung-Hyun Yoo for local-arranging the workshop, and to Su-Won Shin and Hye-Yeon Kim for developing and maintaining the wonderful web-based paper submission/review system.

On behalf of the program and organizing committees, we would like to welcome you to BMCV 2000, whether you come as a presenter or an attendee. There will be ample time for discussion inside and outside the workshop hall and plenty of opportunity to make new acquaintances. Last but not least, we would like to express our gratitude to all the contributors, reviewers, program committee and organizing committee members, and sponsors, without whom the workshop would not have been possible.

Finally, we hope that you experience an interesting and exciting workshop and find some time to explore Seoul, the most beautiful and history-steeped city in Korea.

May 2000   Heinrich H. Bülthoff
                                                                      Seong-Whan Lee
                                                                       Tomaso Poggio

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