

Proceedings of

# ***MVA '94***

## **IAPR Workshop on Machine Vision Applications**

**DECEMBER 13-15, 1994  
KAWASAKI, JAPAN**



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International Association  
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*Proceedings of*

IAPR Workshop on

**MACHINE VISION APPLICATIONS**

DECEMBER 13-15, 1994  
**KAWASAKI, JAPAN**



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IAPR Workshop on  
**MACHINE VISION APPLICATIONS**  
(IAPR MVA'94)

December 13-15, 1994

Kawasaki-shi Sangyo Shinko Kaikan  
Kawasaki, Japan

**Sponsored by:**

International Association for Pattern Recognition (IAPR)  
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## Message from the Workshop Chair

It is a great pleasure to welcome you all, to the IAPR's 1994 Workshop on Machine Vision Applications (IAPR MVA '94).

We have already reached the fourth workshop since the first one was held in 1988. This workshop is co-sponsored by the following three IAPR Technical Committees (TCs), as has been the case in past workshops:

TC-6: Special Purpose Architectures

TC-8: Applications in Industry

TC-10: Graphics Recognition

A large number of abstracts were submitted, but we could only select 41 oral presentations and 98 poster presentations. Twenty four different countries are represented by the authors.

The Japanese economic recession has been continuing now for several years, and the value of the yen has been rising compared to other currencies. Therefore, organizing an international conference and gathering participants is becoming, in general, very difficult. However, because of the great interest in this field, there has been no such tendency.

The submitted papers tended to be related to either documents analysis or three-dimensional analysis, so to reflect this trend, we slightly changed the workshop composition to set two sessions, Document and Map.

In addition to the submitted papers, three invited speakers are present. We thank the speakers: Prof. Per-Erik Danielson (Linköping University), Prof. Dov Dori (Technion) and Prof. Josef Kittler (Surrey University), for accepting our invitation.

As in past workshops, we were greatly assisted in preparing for this MVA '94 by the effort of Prof. Mikio Takagi and other committee members. And this time we could invite five Program Committee members from outside Japan in the IAPR Organization. We want to express our gratitude for their cooperation.

Lastly I express my hearty gratitude to all participants, and I hope that this workshop will be successful and beneficial to all participants.

Akira Maeda  
Co-chair, MVA '94

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