



VIENNA, AUSTRIA
1996

INTERNATIONAL ARCHIVES OF PHOTOGRAMMETRY AND REMOTE SENSING
ARCHIVES INTERNATIONALES DE PHOTOGRAMMETRIE ET DE TELEDETECTION
INTERNATIONALES ARCHIV FÜR PHOTOGRAMMETRIE UND FERNERKUNDUNG

VOLUME
VOLUME
BAND **XXXI**

PART
TOME
TEIL **B5**

COMMISSION
COMMISSION
KOMMISSION **V**



Edited by:
Karl Kraus, Congress Director
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Published by the Committee of the XVIII International Congress for Photogrammetry and Remote Sensing
Publié par le Comité de XVIII^e Congrès Internationale de Photogrammétrie et de Télédétection
Herausgegeben vom Komitee für den XVIII. Internationalen Kongress für Photogrammetrie und Fernerkundung

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International Archives of Photogrammetry and Remote Sensing (IAPRS)

Founded bei Eduard Doležal (Austria) in 1913.

Volume XXXI, Part B5

Invited and Presented Papers of the XVIIIth Congress, Vienna, Austria, July 9 to 19, 1996.

Technical Commission V Close-Range Techniques and Machine Vision

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Gußhausstraße 27 - 29 / 122
A-1040 Wien

Printing: Druckerei Berger, Horn

For Sale after the Congress

Copies of individual parts and complete series may be obtained from:

RICS Books
Surveyor Court
Westwood Way
Coventry CV4 8KE U.K.
Fax: +44 71 334 3800

Close Range Techniques and Machine Vision

Foreword

Responsibility for Technical Commission V of the International Society for Photogrammetry and Remote Sensing was given at the Washington Congress of the International Society for Photogrammetry and Remote Sensing Society to the Australian Photogrammetry and Remote Sensing Society for the period 1992 - 1996. Five distinct Working Groups and one Inter-Commission Working Group were established to foster research and promote the activities of Commission V throughout the world for this period.

The Working Groups of Commission V cover the topic areas:

- * knowledge based vision metrology
- * close range imaging systems and their performance
- * structural and industrial measurements including CAD/CAM aspects
- * photogrammetry in architecture and archaeology
- * biostereometrics and medical imaging
- * image sequence analysis

In March 1994, the Commission V Symposium was held in Melbourne, Australia and an enthusiastic gathering of over 140 delegates heard details from some 90 technical papers. The participants were also able to participate in several functions designed to blend social activities with the "high tech" theme of Close Range Techniques and Machine Vision.

The social gathering of scientists is a facet of all international meetings which should not be lightly dismissed: many good new ideas come from the mixing of different cultures in a convivial atmosphere. One such gathering in a restaurant spawned the most successful "From Pixels to Sequences" Workshop which was held in Zurich in February 1995. The Workshop may prove to be a turning point in the affairs of Commission V as 60 papers were presented and not one of them used film-based cameras - all were video/digital in character!

Now it is time for the culmination of Commission V's activities for the past four years ... the Vienna Congress. The research and development areas encompassed by Commission V have attracted approximately 160 abstract proposals and the majority of those have been accepted for presentation at the Congress. 'State-of-the-Art' research covering all Working Group topics appears in this volume of the International Archives. We commend it to you as a statement of the quality of research in this field and as a testament to the hard-working scientists from every corner of the globe who strive to further the peaceful goals of international co-operation of our society.

Prof. John G. Fryer
President, ISPRS, Commission V

A. Prof. Mark R. Shortis
Secretary, ISPRS, Commission V

**The International Archives of Photogrammetry and Remote Sensing
Volume XXXI, Part B5
ISPRS Commission V - Close-Range Techniques and Machine Vision**

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