

# ACTA STEREOLOGICA

PROCEEDINGS OF THE  
SIXTH EUROPEAN CONGRESS  
FOR STEREOLOGY

PART ONE

ORGANIZED BY

Czech Society for Biomedical Engineering and Medical Informatics,  
member of the Association of the Czech Medical Societies of  
J. E. Purkyně and The International Society for Stereology

HELD AT

Prague, Czech Republic  
September 7-10, 1993

EDITED BY

Miroslav Kališnik  
Zdenka Pajer  
Ivan Krekule  
Ivan Saxl

ISSUED AT

Ljubljana, Slovenia  
December 1993



## **International Co-sponsors**

IEEE/EMBS

ONR, US Navy

Sociétés MATRA St. Quentin, France

Dpt. des Sciences Chimiques and PIRMAT from CNRS Paris, France

Carl Zeiss Opton s.r.o., Germany

## **Co-organizing Institutions**

Institute of Physiology, Academy of Sciences of the Czech Republic, Prague

Institute of Mathematics, Academy of Sciences of the Czech Republic, Prague

Charles University, Prague

Czech Technical University, Prague

## **International Advisory Board**

F. Abadía-Fenoll, Spain

A.J. Baddeley, The Netherlands

J. Bodziony, Poland

J.L. Chermant, France

L.M. Cruz-Orive, Switzerland

B. Gudmundsson, Sweden

H.J.G. Gundersen, Denmark

C.V. Howard, United Kingdom

M. Kališnik, Slovenia

O. Leder, Germany

E.G. Markova, Russia

T. Réti, Hungary

D. Stoyan, Germany

E.B. Vedel-Jensen, Denmark

## **National Congress Committee**

- I. Krekule (Congress Chair)
- I. Saxl (Programme Committee Chair)
- Z. Lojda (Honorary Committee Chair)
- L. Kubínová (Secretary General)
- J. Albrechtová
- V. Beneš
- P. Hach
- V. Horálek
- M. Jirkovská
- R. Sedlák
- V. Suchánek
- H. Šurová
- G. Timčák

## **Honorary Congress Committee**

- J. Cmíral, Czech Society for Biomedical Engineering and Medical Informatics
- K. Drbohlav, Charles University, Prague
- J. Kurzweil, Institute of Mathematics, Academy of Sciences of the Czech Republic, Prague
- Z. Lojda, Charles University, Prague
- B. Ošťádal, Institute of Physiology, Academy of Sciences of the Czech Republic, Prague
- J. Pazourek, Charles University, Prague
- M. Petráň, Charles University, Plzeň
- K. Šperlink, Czech Society for New Materials
- P. Zuna, Czech Technical University, Prague