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# Articulated Motion and Deformable Objects

First International Workshop, AMDO 2000  
Palma de Mallorca, Spain, September 7-9, 2000  
Proceedings

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# Preface

The AMDO 2000 workshop took place at the Universitat de les Illes Balears (UIB) on 7–9 September 2000, sponsored by the International Association for Pattern Recognition Technical Committee, the European Commission by Human Potential Program: High Level Scientific Conferences and the Mathematics and Computer Science Department of UIB. The subject of the workshop was ongoing research in articulated motion on the sequence of images and sophisticated models for deformable objects. The goals of these areas are to understand and interpret object motion around complex objects that we can find in sequences of images in the real world. These topics (geometry and physics of deformable models, motion analysis, articulated models and animation, visualization of deformable models, 3D recovery from motion, single or multiple human motion analysis and synthesis, applications of deformable models and motion analysis, etc.) are interesting examples of how research can be used to solve more general problems. Another objective of this workshop was to relate fields using computer graphics, computer animation or applications in several disciplines combining synthetic and analytical images. In this regard it is of particular interest to encourage links between researchers in areas of computer vision and computer graphics who have common problems and frequently use similar techniques. The workshop included four sessions of presented papers and two tutorials. Invited speakers treating various aspects of the topics were: Y. Aloimonos from the Computer Vision Laboratory, Center for Automation Research, University of Maryland, USA, G. Medioni from the Institute for Robotics and Intelligent Systems, University of Southern California, USA, and R. Boulic, Adjoint scientifique from the Swiss Federal Institute of Technology Lausanne, Switzerland.

September 2000

H.-H. Nagel and F. J. Perales  
Program Co-Chairs  
AMDO 2000

# Organization

AMDO 2000 is organized by the department of Math and Computer Science, Universitat de les Illes Balears (UIB) in cooperation with IAPR (International Association for Pattern Recognition).

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- Tutorial Chairs: R. Mas, F. Perales UIB, (Spain)

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 European Commission by Human Potential Program: High Level Scientific Conferences  
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