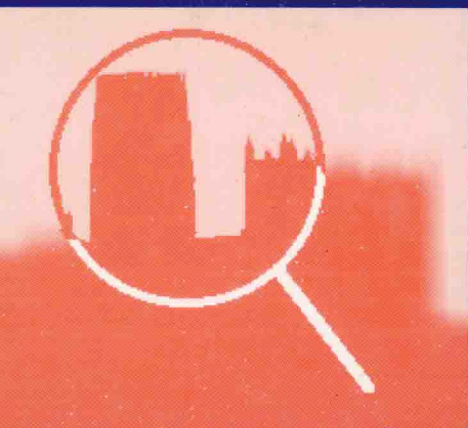


PROCEEDINGS OF
THE 2ND INTERNATIONAL
WORKSHOP ON



Adaptive Optics for Industry and Medicine

EDITED BY
GORDON D. LOVE

World Scientific

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University of Durham, England

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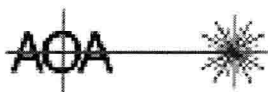
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Many people at the University of Durham helped arrange this workshop. Thanks to the following people for their efforts. Sally Hewlett and the staff of Collingwood College hosted the event. Claire Davies, Angela Healer, and Kath Fall organised the finances. Judith Cooper and Rebecca Siddle dealt with the registrations. Pippa Love was the social secretary.

Finally thanks to Sunil Nair and the staff at World Scientific for their help in preparing these proceedings.

Local Organising Committee:

David Buscher, Judith Cooper, Thu-Lan Kelly,
Gordon Love (Chair), Richard Myers.

Introduction

This meeting was the Second International Workshop on Adaptive Optics for Industry and Medicine. The first was held in Shatura, Moscow Region, June 1997. The meeting provided an international forum on non-astronomical adaptive optics for scientists, engineers, and industrialists. The conference consisted of predominantly oral presentations, with a small number of posters.

The Workshop took place at Collingwood College, which is one of the 16 colleges of the University of Durham. The University is home to the UK's main centres for astronomical adaptive optics.

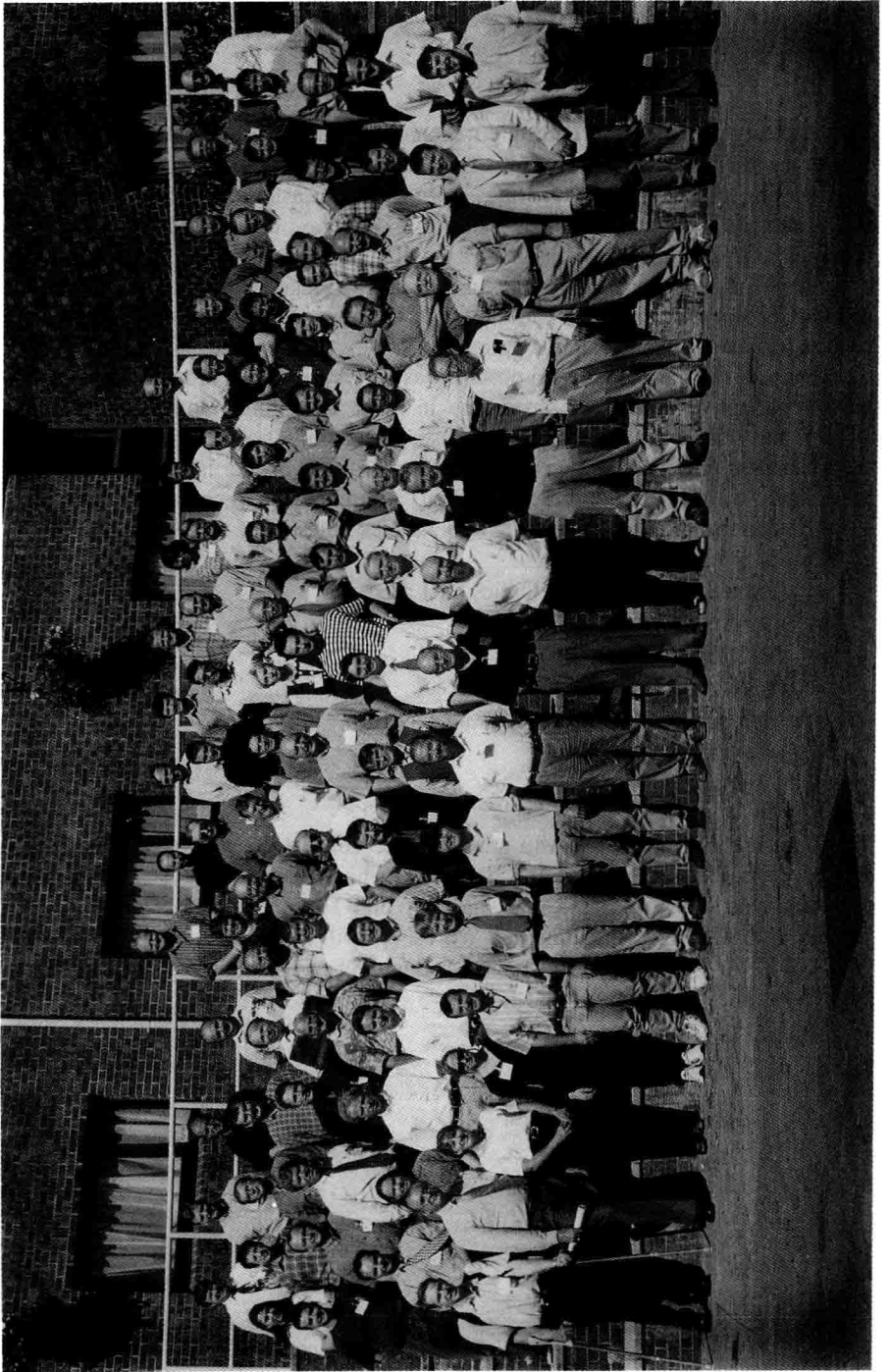
The programme of talks and posters was very varied, and brought together end users of adaptive optics who specialise in other disciplines, and adaptive optics system and component specialists. These proceedings contain 61 papers. There were 5 papers presented at the conference which do not appear here, and there are 3 papers here which were not presented at the conference due to various difficulties.

The papers are grouped together into 7 topics. These are...

- Extra-Cavity Adaptive Optics for Lasers
- Ophthalmic Adaptive Optics
- Microscopy
- Wavefront Correctors
- Intra-Cavity Adaptive Optics for Lasers
- Wavefront Sensors
- Adaptive Systems

The final number of people who attending the conference was over 100. This is virtually double the number of delegates who attended the 1st International Workshop on Adaptive Optics for Industry and Medicine, in 1997. It has been proposed that the 3rd International Workshop will take place in 2001 in New Mexico, USA. I look forward to another doubling of the numbers of delegates in two years time.

Gordon D. Love, Conference Chair



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