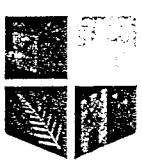
David Vernon (Ed.)

OESI–IMVIP '98

Optical Engineering Society of Ireland & Irish Machine Vision and Image Processing Joint Conference

PROCEEDINGS

National University of Ireland, Maynooth
9th-10th September, 1998



NUI MAYNOOTH
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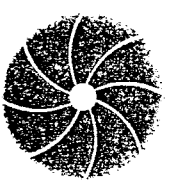
Cumann Innealtóireacht Optúla



THE OPTICAL ENGINEERING SOCIETY OF IRELAND

Foreword

Heretofore, the annual conference of the Optical Engineering Society of Ireland and the Irish Machine Vision and Image Processing annual conference have been held separately and have attracted different segments of the optical engineering community. Given that we all share many common problems in dealing with optically-mediated information, it was decided that in 1998 we should attempt to bring together the researchers from the various constituencies of optical engineering to allow them to share their results, insights, and ideas in one forum and to hold the two conferences jointly.

The call for papers was issued in January 1998 and twenty-six papers were received. Every paper was reviewed double-blind by two reviewers. Twenty-three papers were accepted for oral presentation and for publication in the proceedings.

It will be obvious to anyone reading the table of contents that there is a bias in the papers towards the machine vision community. This is in stark contrast to the high level of research activity in optical science in Ireland. Clearly, much needs to be done to ensure greater participation of researchers in optics at next year's conference. Nonetheless, the 1998 joint conference does represent an important step in bridging the gap which clearly exists between the two communities, a bridge which can only strengthen the overall infrastructure of research in optical engineering in Ireland.

I owe every member of the Local Organising Committee a great debt of gratitude. They committed themselves to the endeavour with a rare blend of good cheer, enthusiasm, and diligence. Without them there would be no conference – my thanks to you all.

David Vernon
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September 1998

Conference Chair

D. Vernon National University of Ireland, Maynooth

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