

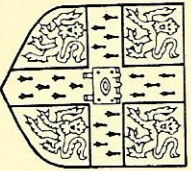
Twenty Fifth Cambridge Ophthalmological Symposium

BINOCULARITY

5th and 6th September, 1995

Chairman: Professor G Kommerell

XXV CAMBRIDGE
OPHTHALMOLOGICAL SYMPOSIUM



1995

5th and 6th September

MONDAY 4th SEPTEMBER

18.30 Wine reception in the Fisher Foyer

TUESDAY 5th SEPTEMBER

08.55 Introduction

09.00 The basis of stereoacuity

09.30 The neuronal pathways of binocular vision and stereopsis

10.00 Binocularity in prism-reared monkeys

10.30 The representation of stereopsis in extrastriate cortex

11.00 Coffee

11.30 How is binocularity maintained during convergence and divergence?

12.00 Binocular control of vergence eye movements

12.30 Virtual displays and ocular motor control

13.00 Lunch

V Morgan
M Morgan
London

V A Casagrande
V A Casagrande
Nashville
USA

M L J Crawford
M L J Crawford
Houston

D Y Tso
D Y Tso
Houston

S J Judge
S J Judge
Oxford

P D R Gamlin
P D R Gamlin
Birmingham, USA
USA

C Neary
C Neary
Bristol

St. John's College, Cambridge

Academic Organiser: Mr P G Watson

14.15 Testing of binocular vision with and without monocular clues

J P Erisby
Sheffield

14.45 The human correlates of the physiological responses found in animals

A Parker
Oxford

15.15 Binocularity in infancy

O Braddick
London

15.45 Tea

16.15 What happens to binocularity in primate strabismus?

R G Boothe
Atlanta

16.45 Compatibility of stereopsis in humans and monkeys

R S Harwerth
Houston

17.15 Close of Session

19.45 CONFERENCE DINNER IN ST JOHN'S COLLEGE HALL.
- After Dinner, there will be a recital.

WEDNESDAY 6th SEPTEMBER

09.00 The reasons for the loss of binocularity in albinism

R W Gullery
Oxford

09.30 Chiasmal crossing defects in disorders of binocular vision

P Apkarian
Tubingen

10.00 Does stereopsis matter in humans?

A R Fielder
Birmingham

10.30 Coffee

11.00 Tackling amblyopia in human infants

F Vital-Durand
Bron

11.30 Amblyopia and the failure of development of binocular single vision

R F Hess
Montreal

12.00 The psychophysics of suppression

R A Harrad
Bristol

12.30 The neural basis of strabismic suppression

F Sengpiel
Oxford

13.00 Lunch

14.15 Abnormal motion processing and binocularity

A M Norcia
San Francisco

14.45 What comes first, infantile esotropia or nystagmus?

G Kommerell
Freiburg

15.15 Tea

15.45 How useful is anomalous correspondence?

V Herzau
Tubingen

16.15 Binocularity lost and found

J P Lee
London

16.45 Closing remarks

15 minutes discussion time is allocated for each presentation