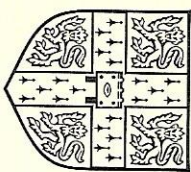


**XLIII CAMBRIDGE
OPHTHALMOLOGICAL SYMPOSIUM**



2013

12th and 13th September

St. John's College, Cambridge

Academic Organisers:

Professor Keith Martin and Mr Martin Sneed

Forty Third Cambridge Ophthalmological Symposium
12th and 13th September 2013

Refractive Error

Chairman: Professor Brien Holden

WEDNESDAY 11TH SEPTEMBER

19:00 Wine reception in the Central Hall, School of Divinity

THURSDAY 12TH SEPTEMBER

08:55 Introduction
Martin Snead
University of Cambridge, UK

09:00 What do we know about the development and plasticity of emmetropisation
Ian Flitcroft
Flitcroft Clinic,
Dublin, Ireland

09:30 The epidemiology of refractive error
Paul Foster
University College London, UK

10:00 Genetic and environmental effects on myopia development and progression
Ernst Goldschmidt
Institute of Myopia Research,
Hillerød, Denmark

10:30 COFFEE

11:00 Novel approaches to the investigation and modification of ametropia using animal models
Earl Smith
University of Houston, USA

11:30 Neural mechanisms of emmetropisation
Christine Wildsoet
University of California,
Berkeley, USA

12:00 The initiation of the pathological changes of high myopia
Jost Jonas
University of Heidelberg,
Germany

12:30 LUNCH

14:00 Practical applications to modify and control development of ametropia
Padmaja Sankaridurg
University of NSW,
Sydney, Australia

14:30 Control strategies for clinical myopia
Thomas Aller
San Bruno, USA

15:00 Where the current data takes us on myopia control
Brien Holden
University of NSW,
Sydney, Australia

15:30 TEA

16:00 Presbyopia and its treatment
Adrian Glasser
University of Houston, USA

16:30 Presbyopia surgery – does it work?
Julian Stevens
Moorfields Eye Hospital,
London, UK

17:00 Close of Session

19:45 CONFERENCE DINNER IN ST JOHN'S COLLEGE

FRIDAY 13TH SEPTEMBER

09:00 Objective evaluation of astigmatism: quantification and analysis
Stephen Kaye
University of Liverpool, UK

09:30 Keratoconus – pathogenesis and non-surgical management
Stephen Tuft
Moorfields Eye Hospital,
London, UK

10:00 Corneal crosslinking – the facts and the fiction
Theo Seiler
IROC, Zurich, Switzerland

10:30 COFFEE

11:00 Refractive morbidity following penetrating keratoplasty
John Dart
University College,
London, UK

11:30 Surgical strategies to improve refractive outcomes in corneal transplantation
Madhavan Rajan
Addenbrooke's Hospital,
Cambridge, UK

12:00 Laser-tissue interactions in the human cornea and implications to corneal shape profile in laser refractive surgery
John Marshall
University College,
London, UK

12:30 LUNCH

14:00 Optical modelling in corneal refractive surgery
Michael Mrochen
IROC, Zurich, Switzerland

14:30 Good, better, best: optimising your biometry for best outcome in cataract surgery
Richard Sheard
Royal Hallamshire Hospital,
Sheffield, UK

15:00 TEA

15:30 Pathogenesis and management strategies for ectopia lentis
David Charteris
Moorfields Eye Hospital,
London, UK

16:00 Management strategies for subluxed and dislocated IOLs
Paul Rosen
John Radcliffe Hospital,
Oxford, UK

16:30 6/6 and unhappy
David Spalton
St Thomas' Hospital,
London, UK

17:00 Close of Meeting

15 minutes discussion time is allocated for each presentation

We are grateful to the following companies for their support:

- AMO UK
- Haag-Street UK
- John Weiss UK
- Moorfields Pharmaceuticals
- Optiquip Surgical UK
- Scope Ophthalmics
- Malden Medical