

Fortieth Cambridge Ophthalmological Symposium

**Imaging The Visual System**

2nd and 3rd September, 2010

Chairman: Professor Robert Weinreb

**WEDNESDAY 1st SEPTEMBER**

- 19.00 Wine Reception in the Fisher Foyer  
20.00 Speakers' Dinner: Wordsworth Room St. John's College

**THURSDAY 2nd SEPTEMBER**

- 08.55 Introduction  
Keith Martin  
University of Cambridge,  
UK

- 09.00 Fundamental barriers in ocular imaging  
Christopher Dainty  
University of Galway,  
Ireland

- 09.30 High resolution OCT: instrumentation  
Wolfgang Drexler  
University of Vienna,  
Austria

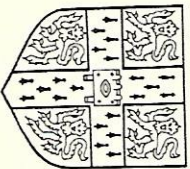
- 10.00 Adaptive optics and the eye  
(super resolution OCT)  
*A.O.T.*  
Donald Miller  
University of Indiana,  
USA

- 10.30 COFFEE  
11.00 Polarization-sensitive OCT  
Christoph Hitzenberger  
University of Vienna,  
Austria

- 11.30 Imaging ocular blood flow  
Alon Harris  
University of Indiana,  
USA

- 12.00 Spectral imaging of the retina  
Andrew McNaught  
Cranfield University,  
Cranfield, UK

**XL CAMBRIDGE  
OPHTHALMOLOGICAL SYMPOSIUM**



2010

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St. John's College, Cambridge

Academic Organisers:  
Mr Martin Snead and Mr Keith Martin

12.30	LUNCH	
14.00	Autofluorescence imaging	Alan Bird University College London, UK
14.30	Ultrasound imaging	Marie Restori Moorfields Eye Hospital, London, UK
15.00	Detecting sick retinal cells	James Morgan University of Cardiff, UK
15.30	TEA	
16.00	Confocal imaging of corneal infection	John Dart University College London, UK
16.30	Imaging of apoptosis	Francesca Cordeiro University College London, UK
17.00	Close of Session	
20.00	CONFERENCE DINNER ST. JOHN'S COLLEGE	

### FRIDAY 3rd SEPTEMBER

09.00	Imaging the RPE	Fred Fitzke University College London, UK
09.30	Imaging individual cones	David Williams University of Rochester, USA
10.00	Outer retinal changes in retinal and optic nerve dystrophies	John Werner University of California, Davis, USA
10.30	COFFEE	
11.00	Imaging the anterior segment with OCT and retinal ganglion cell dendritic shrinkage	Christopher Leung Chinese University of Hong Kong

11.30	Imaging the optic nerve	Robert Weinreb University of California, San Diego, USA
12.00	Combining structural and functional assessment of the optic nerve	David Garway-Heath University College London, UK
12.30	LUNCH	
14.00	Ethnicity and ocular imaging	Rupert Bourne Anglia Ruskin University, Cambridge, UK
14.30	Man versus machine	Hans Lemij Rotterdam Eye Hospital, The Netherlands
15.00	Functional imaging of the visual system	Holly Bridge University of Oxford, UK
15.30	TEA	
16.00	Close of Meeting	

*15 minutes discussion time is allocated for each presentation*

*We are grateful to the following companies for their support:*

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