



PUPIL INFORMATICS: Pupil Response Mechanisms, Visual Performance & Clinical Applications

Friday 19th September 2008
Venue: City University, Tait Building, Room C244

Programme

09:30 - 10:00	Coffee / Registration (outside room C244)
	Welcome (John L. Barbur)
10:05 - 10:30	Contribution of melanopsin-expressing retinal ganglion cells to pupillary pathway studied with a multi-primary illumination system Sei-ichi Tsujimura - Kagoshima University, Japan.
10:30 - 10:55	A tale of 3 blind mice; the mouse pupil as a tool for assessing visual function Ron Douglas - City University, London, UK.
10:55 - 11:20	Melanopsin ganglion cells provide the primary route via which cone photoreceptors influence the pupil light reflex Robert Lucas - University of Manchester, UK.
11:20 - 12:00	Coffee break / posters
	Invited talk
12:00 - 12:45	Intrinsically-photoreceptive Retinal Ganglion Cells and Primate Pupillary Responses Paul Gamlin - University of Alabama, Birmingham, USA.
12:45 - 14:00	Lunch
14:00 - 14:25	Relationship between pupil size and higher order aberrations Toshifumi Mihashi - Topcon Corp, Japan.
14:25 - 14:50	Pupil Dilation Reflects Impacts of Fluid Intelligence on Resource Allocation and Task-Engagement Jan Ries - Humboldt University, Berlin, Germany.
14:50 - 15:15	Accommodation responses to stereoscopic conflicted accommodation-convergence stimuli under increased depth-of-focus condition of retinal scan display Kazuhiko Ukai - Waseda University, Japan.
15:15 - 16:00	Coffee break / posters
16:00 - 16:25	Effects of higher-order aberrations on visual performance as a function of pupil size and light level Eugenie Dalimier - Applied Optics Group, National University of Ireland, Galway, Ireland.
16:25 - 16:50	Pupillary and vergence responses to the cognition of radial optic flow Atsuhiko Iijima - Niigata University, Japan.
16:50 - 17:15	Tribute to Professor Stephen Smith Fion Bremner – National Hospital, Queen’s Square, London, UK.
17:15 - 18:00	Laboratory visits / posters
19:00	Symposium dinner - The Athenaeum Club (Dress code: formal)