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The XXXVII Meeting of the Academia Ophthalmologica Internationalis took place in Sydney, Australia in conjunction with the Asia Pacific Academy of Ophthalmology (APAO).



The Asia Pacific Academy of Ophthalmology (APAO) Congress was held at the Sydney Convention and Exhibition Centre, Darling Harbour from 20-24 March, 2011. Members and their guests had ample opportunity to participate in Congress activities as well as enjoy the sights and attractions of Sydney and the bay.

Social events included the spectacular opening ceremony which reflected the theme, significance, and heritage of the Asia Pacific Academy of Ophthalmology and the Welcome Reception on Sunday, March 20, as well as the APAO President's Reception at Sergeant's Mess, Sydney, with a ferry departure from Darling Harbour and a rainy cruise, and finally the Congress Party.

We are grateful to APAO and the Royal Australian and New Zealand College of Ophthalmology (RANZCO) for their hospitality during our visit to Sydney. The APAO meeting was beautifully organized under the leadership of its President, Prof. Ivan Goldberg and Academician Prof. Charles Mc Ghee, who chaired the planning and execution of a most impressive scientific program.

Business meeting

During the business meeting five new members were given medals, pins, and documents.



The officers and Prof. Kanxing Zhao and Prof. Martine Jager



The officers and Prof. Charles McGhee and Prof. Tetsuro Oshika



The officers and Prof. Abhay Vasavada



The newly elected president Paul Lichter and Secretary-General Peter Wiedemann

Academia Elects New Members

Outstanding candidates were nominated for membership in the AOI and three new members were elected.

Professor Paul Lee, M.D. elected to the AOI (Chair II)

Paul Lee, who is trained in Law (Columbia University), Medicine (University of Michigan), and Ophthalmology (Johns Hopkins and Harvard), is a highly visible and active member of the ophthalmologic “academy,” bringing scholarly insights, research, and commitment to broad ophthalmic issues intersecting with health policy, economics, advocacy, and governance. In addition to his work in these underrepresented arenas critical to ophthalmology’s future, he retains a full workload in the traditional aspects of our discipline: as the Gills Professor of Ophthalmology and Vice-Chairman at the Duke University Eye Center and as Senior Advisor to the Chancellor of the Duke University Health System. He has published over 190 scholarly articles and been a driving force in patient-centered perspectives in the delivery of eye care, economic analyses of the costs of care and the impact of visually disabling disorders, work-force size and standards, and in his subspecialty interest, glaucoma.

In addition to his scholarly productivity, Prof. Lee serves on the Boards of Directors of the American Board of Ophthalmology, the ARVO Foundation, and Prevent Blindness, and in the past, has served on the Board of the AAO, Chaired the American Glaucoma Society’s Quality of Care Committee, and co-chaired the AMA-AAO Consortium Task Force for Eye Care Delivery Indicators (PQRI). He has received both the Lew Wasserman Merit Award from Research to Prevent Blindness and the Alcon Institute Research Award.

Many of his contributions touch the provision of eye care around the globe. He

played a seminal role (with Mark Tso) to develop the first translation of the AAO BCSC into a foreign language (Chinese), has mentored a highly regarded group of young leaders in global ophthalmology, and contributed to the development of international collaborative ophthalmic educational programs.

Professor Anselm Kampik, M.D. elected to the AOI (Chair IX)

Anselm Kampik is chairman of the University of Munich Eye Hospital, one of the most prestigious and famous departments of Ophthalmology in Europe. He has made many contributions to eye pathology and vitreous surgery, e.g. pathogenesis of macular edema and the use of different stains for better visualization of different retinal layers. He has a prominent role in German and European ophthalmology, being the longtime general secretary of the DOG and the newly elected president of the European Academy of Ophthalmology. He has received honors such as the EURETINA lecture award, Medaille d'Or Paul Chibret, and the W.R. Green Lecture and Award.

Professor Ioannis Pallikaris, M.D. elected to the AOI (Chair XVII)

Ioannis Pallikaris is one of the founders of modern refractive surgery. He has been active in many areas of the science of ophthalmology, creating the Institute of Ophthalmic Research adjoined to his Department of Ophthalmology at the University of Crete. He has received distinguished and preeminent international honours. His current activity at the moment is focuses on the science of refractive, cataract, and corneal surgery. He is presently serving as the Rector of the Crete University,

Twenty-two Academicians attended the business meeting.



Zhao, Lam, DeLaey, Rao, Tso, Myake, Spivey, Wong, Billson, Ishibashi, Vasavada, Abbott, Parke II Jager, Taylor, Nagpal, Wiedemann, Lichter, Tassignon, McGhee, Oshika, Straatsma

Special scientific session

The special scientific session was opened after the business meeting. The following obituary was delivered by Prof. G. Coscas.

IN MEMORIAM GEORGES PERDRIEL 1922 – 2008

Professor Georges PERDRIEL died on 11 December 2008 at Val-de-Grâce hospital after a brief emergency admission.



Our friend was a member of the *Academia Ophthalmologica Internationalis* for many years and many Members remember his kindness, elegance, and smile.

He was born in Pontivy, France and grew up in Lorient and then in Paris, where his parents were teachers at the *École Alsacienne*.

He completed his secondary education at Lycée Michelet, “just as proud of his success in the Baccalaureate as his sporting results”.

He then enrolled at the *Cochin School of Medicine in Paris* in 1939 and was trained at the Bretonneau Hospital which had a considerable surgical workload due to the limited medical personnel.

His military career began in October 1943, after passing the Bordeaux *Military Ecole de Santé Navale* entrance examination. He obtained first place, which he maintained throughout his academic career, and then began his residency in Ophthalmology with Prof Beauvieux .

Before passing his clinical examinations and defending his thesis, he joined his classmates in a naval aviation combat unit with the mission to protect Allied convoys between Corsica, Sardinia, and France.

As a result of this first contact with aeronautics, he realised the importance of the pilot's, navigator's, and observer's visual function.

He presented his doctorate thesis in March 1946, reporting his mosquito-control results at the Hyères Naval Aviation base. This period played a critical role in his decision to become an Air Force military doctor.

After obtaining his Diploma in Aeronautic Medicine, he attended the *Centre d'Etudes de Biologie Aéronautique* and spent several years on Air Force bases in Paris and in

Bordeaux until 1952, with Captain Pallas, Head of the Ophthalmology Department.

He joined the staff of *Val de Grâce Military Hospital*, where he received remarkable training and teaching from Professor Payrau, whom he always admired profoundly. In 1956, he was appointed as Head of Department of Ophthalmology. He directed the Department of the *Centre Principal d'Expertises Médicales du Personnel Navigant de l'Aéronautique (Aeronautic and Flight Personnel Medical Assessment Centre)* until 1967.

In 1960, he was appointed *Professor to the Service de Santé des Armées*. During this period, he developed techniques for the neurophysiologic investigation of visual function.



He was one of the French pioneers in the field of electrophysiological investigation of the retina and visual cortex. He participated in the first nuclear tests in Reggane Sahara, and studied the consequences of the nuclear flash and proposed protective measures.

He was endowed as Chair and First Professor of Ocular Pathophysiology, a chair created for specific teaching on the impact of air flight on visual function.

In 1967, he became *Professor and Head of the Department of Ophthalmology at Val de Grâce Hospital in Paris*.

In 1976, he was appointed Director of the *Ecole d'Application Air* and National Ophthalmology Consultant to the Armed Forces. During this period, he developed

closer bonds with the Faculty of Medicine of Paris, as a result of his friendly relations with Professors Offret and Brégeat.

In 1979, he was appointed Chairman of the *Conseil Médical de l'Aviation Civile* (Civil Aviation Medical Board). His clinical and teaching experience allowed him to develop continuing education programmes for accredited physicians. He participated in the work of the *Prévention Routière* (Road Accident Prevention), and the *Association Française de l'Eclairage*.

From 1979 to 1982, he was Inspector of the *Service de Santé pour l'Armée de l'Air* (Air Force Medical Service) and then Inspector-General of the *Service de Santé des Armées* (Armed Forces Medical Service) until 1984, when he was promoted to Chair of the *Conseil Médical de l'Aviation Civile* (Civil Aviation Medical Board) from 1979 to 1989.

Professor Perdriel was member of the the International Academy of Aviation and Space Medicine. He was chairman of the First International Air Rescue Congress in 1983 and the 29th International Congress of Aviation and Space Medicine in Nancy.

He was a member of many scientific societies and participated in many of their reports. He participated in two reports of the *Société Française d'Ophthalmologie*, (on blindness in childhood in 1969 and on lasers in ophthalmology in 1981).

He was author or co-author of 500 publications, with about 100 devoted to aviation ophthalmology.

He was named Commander of the Legion of Honour and the National Order of Merit, Officer of the Academic Palms and was awarded the Aeronautics Medal.

He will remain the most prominent Frenchman in the field of aviation ophthalmology in the later half of the twentieth century, a period of particularly intense growth in his specialty and avionics.

He skillfully integrated advancements in investigations, optical corrections, and surgical techniques into his clinical approach, while complying with safety imperatives.

Inaugural Lectures were delivered by the five newly inducted Members;

The first Inaugural Lecture was presented by Prof. ABHAY R. VASAVADA, entitled "Paradigms for congenital cataract measurement".



Prof. CHARLES MCGHEE delivered the second Inaugural Lecture entitled "In vivo confocal microscopy – rapidly revealing the cornea's secrets".



The third Inaugural Lecture was presented by Prof. TETSURO OSHIKA. His talk was entitled "Visual Optics in Cataract Surgery".



Prof. MARTINE J. JAGER delivered the next lecture: "Macrophages: relevant in uveal melanoma?".



Prof. TIEN YIN WONG spoke on "Hypertensive Retinopathy – a Century of progress".



Prof. KANXING ZHAO spoke on "Molecular basis of retinitis pigmentosa associated with the defect of pre-mRNA splicing".



Member presentations followed during the Special Scientific Session beginning with

Prof. PRAN NAGPAL "How artists play with our vision – befooling the eye".



Prof. DENNIS LAM spoke about "Sodium4-phenylbutyric acid (PBA). A potential new glaucoma drug".



Academia Oration

Prof. Paul Lichter introduced the Orator Prof. M.V. SRINIVASAN who presented his lecture: "The world through the eye of a bee: vision, navigation and "cognition" in honeybees, and application to robotics".



At the conclusion of our Special Scientific Session on Sunday, March 20th, the annual Academia Luncheon was held in honour of our AOI Orator, Prof. Dr. Mandyam V. Srinivasan of Brisbane, Australia.

Strategy session

At the beginning of a special strategy session, President Paul Lichter reviewed the origins, history, mission, and vision statements of the AOI. He also presented its strengths, weaknesses, opportunities and challenges. The discussion revolved around the question of the future direction and which goals we wish to achieve.

Prizes

The G.O.H. Naumann Award of the ICO is given annually to an ophthalmologist who has made a significant contribution to global eye care in his or her community in an effort to promote educational programs and establish service models for other societies.

This year's award was presented to Academician DR. FRANK BILLSON, a pioneer in saving the eyesight of premature babies. As Foundation Professor of Ophthalmology since 1978, Professor Billson has been Director of the Save Sight Institute at the University of Sydney since 1985. He is the director of the Lions NSW Eye Bank and a staff member of the Sydney Eye Hospital.

Dr. Billson's enthusiasm and leadership can be seen in his international contributions, including his training work in Bangladesh, Sri Lanka, India, China, Papua New Guinea, East Timor, and the Solomon Islands. He was also instrumental in the establishment of the Chittagong Eye Infirmary and Training Complex in Bangladesh with Foresight Australia. Dr. Billson believes that through the transfer of skills and knowledge, the developed world has an obligation to help the rest of the world overcome diseases that have largely been eradicated in the West. He is an inspirational role model to his students and colleagues and a great comfort to his patients. Dr. Billson's work has saved the sight and enhanced the quality of life of thousands.

We congratulate Dr. Billson on his outstanding contribution to ophthalmology and the prevention of visual loss.

AOI Symposia

The following symposia were held during 2011



AOI Symposium at APAO, Sydney: “DEALING WITH COMPLICATIONS OF ANTERIOR SEGMENT SURGERY”

Chairs: MARIE-JOSÉ TASSIGNON, MD and PAUL LICHTER, MD

RICHARD ABBOTT, MD:	“Dealing with Infections after Lasik”
JORGE ALIÓ, MD:	“Management of post-Lasik corneal ectasia”
MARIE-JOSÉ TASSIGNON, MD: phacoemulsification”	“Dealing with zonular dialysis during
PAUL LICHTER, MD:	“Dealing with non filtering, flat or encapsulate blebs”
PRAN NATH NAGPAL, MD:	“Dealing with early-onset endophthalmitis after cataract surgery”
ABHAY VASAVADA, MD: implantation”	“The unsatisfied patient after multifocal IOL
KENSAKU MIYAKE, MD:	“Cystoid macular edema in early pseudophakia”

**AOI symposium at APAO, Sydney:
“MANAGEMENT OF DIABETIC RETINOPATHY”**

Chairs: IAN CONSTABLE (Australia), TIEN WONG (Singapore), DENNIS LAM (Hong Kong)

HUGH TAYLOR (Australia) “Screening procedure and global strategies for detection of diabetic retinopathy”

TIEN WONG (Singapore) “Medical association with diabetic retinopathy and complications for management”

DENNIS LAM (Hong Kong) “Laser and pharmacotherapy for diabetic macular edema”

KENNETH FONG (Malaysia) “Micropulse yellow laser for diabetic maculopathy”

WILLIAM MIELER (USA) “Surgical treatment for macular edema”

IAN CONSTABLE (Australia) **AOI Lecture** “Management of proliferative diabetic retinopathy with laser and pharmacotherapy”





Joint Congress of
SOE
AAO
4-7 June 2011
Geneva
Switzerland

AOI symposium at SOE, Geneva: “HERPETIC EYE DISEASE”

Chair P. VASSILEVA

ILDIKO SUVEGES “Surgical treatment in cases of herpetic keratitis: the time, the form of keratoplasty, postoperative treatment”

SHIGEAKI OHNO “Clinical features of acute retinal necrosis syndrome”

MIGUEL N. BURNIER “Ocular tissue response and diagnosis of herpes infection”

RUBENS BELFORT JR “How to manage it in 2011”

PETJA VASSILEVA “The challenge of herpetic eye disease”



**AOI symposium at PAAO, Buenos Aires:
 “EMINENCE BASED OPHTHALMOLOGY (EVIDENCE + EXPERIENCE):
 CHALLENGING CASES AND SITUATIONS”**

Chairs: PAUL R. LICHTER MD, ENRIQUE S. MALBRÁN Sr. MD, MIGUEL N. BURNIER JR. MD PhD

RICHARD L. ABBOTT MD	“Evidence-based clinical guidelines into your practice”
ALVARO RODRÍGUEZ GONZÁLEZ MD	“Técnicas diagnósticas como ayuda en el manejo oftalmológico basado en la evidencia: Presentación de dos casos”
ENRIQUE L. GRAUE WIECHERS MD	“Penetrating keratoplasty vs deep lamellar keratoplasty. An evidence based approach”
ENRIQUE S. MALBRÁN SR. MD	“Alternativas actuales en las opacidades corneales y situaciones extremas vitreoretinales”
JUAN VERDAGUER TARADELLA MD	“Diabetes”
PAUL R. LICHTER MD	“How clinical trial results have affected my practice”
FRANCISCO CONTRERAS CAMPOS MD	“Interesting case”
RUBENS BELFORT JR. MD PhD	“Evidence x non-evidence based treatment of uveitis”
MIGUEL N. BURNIER JR. MD PhD	“Diagnostic vitrectomy in a case of posterior uveitis”

Academician ENRIQUE MALBRAN had a lovely reception and dinner for all of the AOI members and spouses who attended the Congress.

The following Symposia will be held in 2012:

World Ophthalmology Congress®
16 – 20 February 2012
Abu Dhabi – United Arab Emirates

XXXIII International Congress of Ophthalmology ® 2012
12th International Congress of the Middle East Africa Council of Ophthalmology



AOI symposium at WOC2012 Abu Dhabi (Sunday, March 19, 2012): “DIAGNOSIS AND MANAGEMENT OF RETINOPATHY IN PROGRESSIVE MYOPIA”

Chairs: JORGE L ALIO and PETER WIEDEMANN

JORGE ALIO	“The mystery of high myopia”
TIEN WONG	“Prevalence and importance of myopic degeneration as a major cause of legal blindness in the myope”
FRANCESCO BANDELLO	“The myopic retina: what makes it spoilt?”
TATSURO ISHIBASHI	“Types and classification of retinal degeneration in high myopia”
GEORGE P THEODOSSIADIS	“Retinal detachment in the high myope: anatomical and visual outcomes of retinal repair”
MARIA JOSE TASSIGNON	“Lens surgery in the high myope: how to balance the retinal risk with the benefit”
PAUL LICHTER	“Introduction: AOI lecture”
GISELE SOUBRANE	AOI Lecture: “Mechanisms of Central Vision Loss in Myopic Eyes”

AOI symposium at WOC 2012 Abu Dhabi (Monday, March 20, 2012): “MILESTONES IN OPHTHALMOLOGY”

Chair: JEAN-JACQUES DE LAEY

HUGH TAYLOR:	“Trachoma”
FRANK BILLSON:	“ROP”
JORGE ALIO:	“IOL and Ridley”
BILL TASMAN:	“Charles Schepens: from Mouscron to Boston”
JOHN MARSHALL:	“Excimer Laser”
J.J. DE LAEY:	“Vesalius. 500 years of ocular anatomy”



AOI Symposia at APAO 2012 Busan, Korea:

"UPDATE ON CORNEAL DIAGNOSIS AND TREATMENT"

Chairs: TETSURO OSHIKA and RICHARD ABBOTT

RICHARD ABBOTT	"Clinical pearls in the management of corneal trauma"
CHARLES MCGHEE	"What have we learned from imaging the keratoconic cornea by in vivo confocal microscopy"
TETSURO OSHIKA	"Optical quality of ocular surface and visual function"
CHOUN-KI JOO	"Clinical results and complications of Intacs segment implantation"
LIXIN XIE	"Corneal infection"
RAJESH FOGLA	"Modified technique of big bubble deep anterior lamellar keratoplasty (DALK) and results"
SHIGETO SHIMMURA	"Endothelial keratoplasty in Asian eyes"

"POSTERIOR SEGMENT COMPLICATIONS OF ANTERIOR SEGMENT SURGERY"

Chair: ABHAY R. VASAVADA

ABHAY VASAVADA	"Posterior capsule rupture and its management"
MANISH NAGPAL	"Update on management of nucleus/lens matter drop"
PAUL LICHTER	"Implications and management of postoperative choroidal detachments"
RON YEOH	"Preventing retinal problems during phaco"
MARIE-JOSE TASSIGNON	"Retinal detachment after cataract surgery"
SJAKON TAHIJA	"Macula and cataract surgery (ARMD and / or diabetic maculopathy)"
HADI PROKOSO	<i>Topic to be confirmed</i>