

EUROPEAN
CURRICULUM VITAE
FORMAT



PERSONAL INFORMATION

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PALLIKARIS ARISTOFANIS
UNIVERSITY OF CRETE, STAVRAKIA 71003 HERAKLION GREECE
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apallik@ivo.gr

Nationality
Date of birth

GREEK
23/09/1975

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

JAN 2011 – JAN PRESENT
Institute of Vision and Optics, Vardinoyiannion Eye Institute of Crete, University of Crete, Greece
Public sector, University Institute
Supervisor of Biomedical Optics and Imaging Laboratory
Research on Imaging Techniques for the Human Eye, Teaching in a Master of Science program called "Optics and Vision", Master Thesis Supervisor, Advanced Clinical Imaging Support in Ophthalmological Department

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

JAN 2003 – JAN 2011
Institute of Vision and Optics, Vardinoyiannion Eye Institute of Crete, University of Crete, Greece
Public sector, University Institute
Researcher
Research on Imaging Techniques for the Human Eye, Teaching in a Master of Science program called "Optics and Vision", Advanced Clinical Imaging Support in Ophthalmological Department

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

SEPT 2000 – OCT 2002
David R Williams, Center for Visual Science, University of Rochester, USA
Private University
Researcher – Graduate Student
Research and Master of Science Thesis on the Reflectance of Human Cones using an Adaptive Optics Retinal Imaging system

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

SEPT 2001- DEC 2001
Biomedical Engineering Department, University of Rochester, USA
Private University
Teaching Assistant
Undergraduate laboratory teaching

- Dates (from – to)
- Name and address of employer
 - Type of business or sector
 - Occupation or position held
- Main activities and responsibilities

JUNE 1998 – AUGUST 1998
Center of Dyslexia, University of Macedonia, Greece
Public University
Researcher
Computer program development for the analysis of data collected with a new eye tracker

EDUCATION AND TRAINING

- Dates (from – to) June 2006 – Today
- Name and type of organization providing education and training Department of Neuroscience, University of Crete, Heraklion, Greece
- Principal subjects/occupational skills covered Neuroscience/ Thesis on Scanning Laser Ophthalmoscopy and Functional Photoreceptor Assesment
- Title of qualification awarded PhD (expected to graduate in July 2013)
- Level in national classification (if appropriate)
- Dates (from – to) June 1999 – 2003
- Name and type of organization providing education and training Department of Biomedical Engineeirg, The College, School of Engineering, University of Rochester, Rochester, NY, USA
- Principal subjects/occupational skills covered Biomedical Engineering/ Thesis on Reflectance of Single Cones with an Adaptive Optics Imaging System
- Title of qualification awarded Master of Science
- Level in national classification (if appropriate)
- Dates (from – to) 1994 – 1999
- Name and type of organization providing education and training Department of Electrical Engineering, Albert Nerken School of Engineering, The Cooper Union for the Advancement of Science and Art, New York, NY, USA
- Principal subjects/occupational skills covered Electrical Engineering
- Title of qualification awarded Bachelor of Electrical Engineering
- Level in national classification (if appropriate)

PERSONAL SKILLS AND COMPETENCIES

Acquired in the course of life and career but not necessarily covered by formal certificates and diplomas.

MOTHER TONGUE

GREEK

OTHER LANGUAGES

- Reading skills
- Writing skills
- Verbal skills

ENGLISH

EXCELLENT
EXCELLENT
EXCELLENT

SOCIAL SKILLS

AND COMPETENCIES

Living and working with other people, in multicultural environments, in positions where communication is important and situations where teamwork is essential (for example culture and sports), etc.

- 1) Member of Adaptive Optics Laboratory of Center of Visual Science during MSc
- 2) Member of Council of Sailing Club of Gazi, Heraklion
- 3) Regional Water polo team from 1986 – 1992, Heraklion
- 4) University of Rochester Water Polo Club Team and New York State Western Region Water Polo Team from 2000-2003, NY, USA

ORGANIZATIONAL SKILLS

AND COMPETENCIES

Coordination and administration of people, projects and budgets; at work, in voluntary work (for example culture and sports) and at home, etc.

- 1) Regional investigator for multicenter clinical trial on “Evaluation of Threshold Sensitivity and Fixation Stability/Location of the Macula Using a Macular Integrity Tester in Subjects with Normal Eyes and in Subjects with Early- or Intermediate-Stage Age-Related Macular Degeneration
- 2) Member of Local Organizing Committee of Annual Aegean Summer School in Visual Optics
- 3) Second Vice President of Hellenic J24 Sailing Class Association (2009-2012)
- 4) President of Hellenic J24 Sailing Class Association (2012-Present)

TECHNICAL SKILLS
AND COMPETENCIES
*With computers, specific kinds of
equipment, machinery, etc.*

- 1) COMPUTER SKILLS : C/C++, MATLAB, AUTOCAD, MS OFFICE, ACQUIRED DURING THE COURSE OF MY STUDIES AND WORKING EXPERIENCE
- 2) OPTICAL DESIGN, OPTICAL ANALYSIS AND OPTICAL ALIGNMENT OF SYSTEMS IN A ALABORATORY, ACQUIRED DURING MY GRADUATE STUDIES AND ON GOING WORKING EXPERIENCE
- 3) DESIGN OF ELECTRICAL CIRCUITY AND TESTING, ACQUIRED DURING MY UNDERGRADUATE STUDIES

ARTISTIC SKILLS
AND COMPETENCIES
Music, writing, design, etc.

ELEMENTARY PIANO AND GUIITAR, ACQUIRED DURING THE EARLY YEARS

OTHER SKILLS
AND COMPETENCIES
Competences not mentioned above.

WATER POLO AND SAILING, ACQUIRED DURING THE EARLY YEARS AND STILL ON GOING WITH RESPECT TO SAILING

DRIVING LICENCE(S)

YES

ADDITIONAL INFORMATION

ANNEXES

- A. AWARDS & MEMBERSHIP**
- B. CLINICAL TRIALS**
- C. PUBLICATIONS**
- D. INVITED PRESENTATIONS**
- E. CONFERENCE PRESENTATIONS**
- F. LECTURES**

Annex A. Awards and Membership

Tuition scholarship at the Cooper Union for the Advancement of Science and Art.

Tuition and research scholarship at the University of Rochester.

A one-year research scholarship funded by the Vardinoyiannion Eye Institute of Crete.

Award presented by Bausch and Lomb at the 39th Panhellenic Ophthalmological Congress on the paper entitled "Corneal Alterations in females in menopause with dry eye".

Reviewer in peer-reviewed journal (Investigative ophthalmology and visual science, Optometry and Vision Science, Archives of Medical Research, British Journal of Ophthalmology).

Annex B. Clinical Trials

Regional investigator and Consultant for clinical trial "Evaluation of Threshold Sensitivity and Fixation Stability/Location of the Macula Using a Macular Integrity Tester in Subjects with Normal Eyes, and in Subjects with Early- or Intermediate-Stage Age-Related Macular Degeneration" by CenterVue. S.p.A.

Annex C. Publications

Kontadakis GA, Kymionis GD, Kankariya VP, Papadiamantis AG, Pallikaris AI. Corneal Confocal Microscopy Findings in Sporadic Cases of Pre-Descement Corneal Dystrophies. *Eye Contact Lens* 2013 [Epub ahead of print]

Kontadakis GA, Kymionis GD, Kankariya VP, Pallikaris AI. Effect of corneal collagen cross-linking on corneal innervation, corneal sensitivity, and tear function of patients with keratoconus. *Ophthalmology* 2013; 120:917-22

Limnopoulou AN, Bouzoukis DI, Kymionis GD, Panagopoulou SI, Plainis S, Pallikaris AI, Feingold V, Pallikaris IG. Visual outcomes and safety of a refractive corneal inlay for presbyopia using femtosecond laser. *J Refract Surg* 2013; 29:12-8.

Pallikaris A (2012). Ocular imaging techniques and their applications in presbyopic correction, in Pallikaris I, Plainis S, Charman WN. *Presbyopia: Origins, Effects, and Treatments* (pp 281-290). Thorofare, NJ, USA: Slack Inc.

Nitoda E, Kallinikos P, Pallikaris A, Moschandrea J, Amoiridis G, Ganotakis ES, Tsilimbaris M. Correlation of diabetic retinopathy and corneal neuropathy using confocal microscopy. *Curr Eye Res* 2012; 37:898-906.

Arvanitaki V, Tsilimbaris MK, Pallikaris A, Moschandreas I, Minos E, Pallikaris IG, Detorakis ET. Macular retinal and nerve fiber layer thickness in early glaucoma: clinical correlations. *Middle East Afr J Ophthalmol* 2012; 19:204-10.

Tsilimbaris M, Diakonis VF, Kymionis GD, Eleftheriadou MI, Fragkiskou S, Moschandreas J, Frueh BE, Epstein D, Pallikaris AI. Prospective study of foveal thickness alterations after cataract surgery assessed by optical coherence tomography. *Ophthalmologica* 2012; 228:53-8.

Bouzoukis DI, Kymionis GD, Panagopoulou SI, Diakonis VF, Pallikaris AI, Limnopoulou AN, Portaliou DM, Pallikaris IG. Visual outcomes and safety of a small diameter intrastromal refractive inlay for the corneal compensation of presbyopia. *J Refract Surg* 2012; 28:168-73.

Vujosevic S, Smolek MK, Lebow KA, Notaroberto N, Pallikaris A, Casciano M. Detection of macular function changes in early (AREDS 2) and intermediate (AREDS 3) age-related macular degeneration. *Ophthalmologica* 2011; 255:155-60.

Murray IJ, Elliott SL, Pallikaris A, Werner JS, Choi S, Tahir HJ. The oblique effect has an optical component: Orientation-specific contrast thresholds after correction of high- order aberrations. *J Vis* 2010; 10:10.

Kymionis GD, Portaliou DM, Diakonis VF, Kontadakis GA, Krasia MS, Papadiamantis AG, Coskunseven E, Pallikaris AI. Posterior linear stromal haze formation after simultaneous photorefractive keratectomy followed by corneal collagen cross-linking. *Invest Ophthalmol Vis Sci* 2010;10:5030-3.

Kymionis GD, Karavitaki AE, Portaliou DM, Papadiamantis AG, Giapitzakis I, Pallikaris AI, Yoo SH. Interface haze formation after ultra thin flap laser in situ keratomileusis. *Ophthalmic Surg Lasers Imaging* 2010 1-5.

Kilintari M, Pallikaris A, Tsiklis N, Ginis HS. Evaluation of image quality metrics for the prediction of subjective best focus. *Opt Vis Sc.* 2010:183-189.

Kymions GD, Grentzelos MA, Diakonis VF, Pallikaris AI, Pallikaris IG. Nine-year follow-up of intacs implantation for keratoconus. *Open Ophthalmol J* 2009; 3:77-81.

Kymionis GD, Diakonis VF, Panagopoulou SI, Grentzelos MA, Kazakos DC, Tzatzarakis MN, Tsatsakis AM, Pallikaris AI. Mitomycin C aqueous humor concentration after photorefractive keratectomy: an experimental study. *Eur J Ophthalmol* 2009; 19:738-42.

Tahir HJ, Parry NRA, Pallikaris A, Murray IJ. Higher-order aberrations produce orientation-specific notches in the defocused contrast sensitivity function. *J Vision* 2009;9: art. no. 11,1-12.

Pallikaris A, Skondra D, Karavela M, Tsilimbaris M. Confocal scanning lasertomography analysis of choroidal neovascularization and correlation with quantitative fluorescein angiography. *Curr Eye Res* 2009; 34:319-327.

Kymionis GD, Diakonis VF, Kalyvianaki M, Portaliou D, Siganos C, Kozobolis VP, Pallikaris AI. One-year follow-up of corneal confocal microscopy after corneal cross- linking in patients with post laser in situ keratosmileusis ectasia and keratoconus. *Am J Ophthalmol* 2009; 147:774-778.

Kymionis GD, Diakonis VF, Charisis S, Pallikaris AI, Bouzouis DI, Yoo SH, Naoumidi I, Tsilimbaris MK. Effects of topical mitomycin C on the ciliary body and intraocular pressure after PRK: An experimental study. *J Refractive Surgery* 2008; 24:633-638.

Tahir, HJ, Parry, NRA, Pallikaris, A, Ritchie, SIM, Bremmer, RE, Murray, IJ. Orientation selectivity for sinusoidal gratings; Evidence for an optical component, *J Modern Optics* 2008; 55:839-847.

Kymionis, GD, Bouzoukis, DI, Diakonis, VF, Portaliou, DM, Pallikaris, A, Yoo, SH, Diffuse lamellar keratitis after corneal crosslinking in a patient with post-laser in situ keratomileusis corneal ectasia, *J Cataract Refract Surg* 2007; 33:2135-2137.

Tsiklis, NS, Kymionis, GD, Karp, CL, Naoumidi, T, Pallikaris, AI, Nine-year follow-up of a posterior chamber phakic IOL in one eye and LASIK in the fellow eye of the same patient, *J Refract Surg* 2007; 23:935-940.

Kymionis, GD, Tsiklis, N, Pallikaris, AI, Bouzoukis, DI, Pallikaris, IG, Fifteen-year follow up after LASIK: Case report. *J Refract Surg* 2007; 23:937-940.

Tsiklis, NS, Kymionis, GD, Pallikaris, A, Diakonis, VF, Ginis, HS, Kounis, GA, Panagopoulou, SI, Pallikaris, IG. Endothelial cell density after photorefractive keratectomy for moderate myopia using a 213 nm solid-state laser system, *J Cataract Refract Surg* 2007; 33:1866-1870.

Kymionis, GD, Portaliou, DM, Bouzoukis, DI, Suh, LH, Pallikaris, A, Markomanolakis, MM, Pallikaris, Yoo, SH, Herpetic keratitis with iritis after corneal crosslinking with riboflavin and ultraviolet A for keratoconus, *J Cataract Refract Surg* 2007; 33:1982- 1984.

Kymionis, GD, Diakonis, VF, Bouzoukis, DI, Lamporpoulou, I, Pallikaris, A, Idiopathic recurrence of diffuse lamellar keratitis after LASIK, *J Refract Surg* 2007; 23:720-721.

Kymionis, GD, Bouzoukis, D, Diakonis, V, Tsiklis, N, Gkenos, E, Pallikaris, A, Giaconi, JA, Yoo, SH, Long term results of thin corneas after refractive surgery, *Am J Ophthalmol* 2007; 181-185.

Diakonis, VF, Pallikaris, A, Kymionis, GD, Markomanolakis, MM, Alterations in endothelial cell density after photorefractive keratectomy with adjuvant mitomycin, *Am J Ophthalmol* 2007; 144:99-103.

Tsiklis, N, Kymionis, GD, Kounis, GA, Pallikaris, A, Diakonis, VF, Charisis, S, Markomanolakis, MM, Pallikaris, IG. One-year results of photorefractive keratectomy and laser in situ keratomileusis for myopia using a 213 nm wavelength solid-state laser. *J Cataract Refract Surg*, 2007; 33:971-977.

Kymionis, GD, Tsiklis, N, Karp, CL, Kalyvianaki, M, Pallikaris, A, Unilateral corneal ectasia after laser in situ keratomileusis in a patient with uncomplicated photorefractive keratectomy in the fellow eye. *J Cataract Refract Surg*, 2007; 33:859-61.

Kymionis, GD, Tsiklis, N, Astyrakakis, N, Pallikaris, A, Panagopoulou, SI, Pallikaris, IG, Eleven-year follow up of laser in situ keratomileusis. *J Cataract Refract Surg*, 2007; 33:191-196.

Kymionis, GD, Siganos, CS, Tsiklis, N, Anastasakis, A, Yoo, SH, Pallikaris, A, Astyrakakis, N, and Pallikaris, IG. Long-term follow up of Intacs in Keratoconus. *Am J Ophthalmol*, 2007; 143:236-244.
Kymionis, GD, Tsiklis, N, Pallikaris, A, Kounis, G, Diakonis, V, Astyrakakis, N, Siganos, CS. Long-term follow up of Intacs for post-LASIK corneal ectasia. *Ophthalmology* 2006; 113:1909-1917.

Kymionis, GD, Tsiklis, N, Pallikaris, A, Diakonis, V, Hatzithanasis, G, Kavroulaki, D, Jankov, M, Pallikaris, IG. Long-term results of superficial laser in situ keratomileusis after ultrathin flap creation. *J Cataract Refract Surg*. 2006;32:1276-80.

Pallikaris A. Adaptive Optics Ophthalmoscopy – Results and Applications. *J Refract Surg* 2005;21(5):S570-4.

Plainis, S, Ginis, HS and Pallikaris, A. The effect of ocular aberrations on steady-state errors of accommodative response. *JOV*. 2005;5(5):466-477.

Pallikaris, A, Skondra, D, Tsilimbaris, M. Intraobserver repeatability of a scanning laser ophthalmoscope. *Am J Ophthalmol*. 2005;139(4):624-630.

Ginis, H, Plainis, S & Pallikaris, A. Repeatability of wavefront aberration measurements in small pupil sizes using a clinical Shack-Hartmann aberrometer . *BMC Ophthalmol*. 2004; 4(1):1.

Pallikaris, A, Williams, DR & Hofer, H. The reflectance of single cones in the living human eye. *Invest Ophthalmol Vis Sci.* 2003; 44:4580-4592.

Pallikaris, IG, Kymionis, GD, Panagopoulou, SI, Siganos, CS, Theodorakis, MA, Pallikaris, AI. Induced optical aberrations following formation of a laser in situ keratomileusis flap. *J Cataract Refract Surg.* 2002; 28:1737-1741.

Annex D. Invited Presentations

Pallikaris, A, "Adaptive Optics: Its Implications in Correcting High Order Aberrations", invited lecture presented at the 37th Panhellenic Ophthalmological Congress 2004.

Pallikaris, A, "The Photoreceptor Mosaic", invited lecture presented at the XXII Congress of the ESCRS 2004.

Pallikaris, A, "Hartmann-Shack Aberrometer", invited lecture presented at the XXII Congress of the ESCRS 2004.

Pallikaris, A, "Adaptive Optics Ophthalmoscopy: Results and Applications", invited lecture presented at the 6th International Congress of Wavefront Sensing and Optimized Refractive Corrections 2005.

Pallikaris, A, "Adaptive Optics Ophthalmoscopy", invited lecture presented at the XXIII Congress of the ESCRS 2005.

Pallikaris, A, "The Photoreceptor Mosaic – Limits of the Visual System", invited lecture presented at the XXIII Congress of the ESCRS 2005.

Pallikaris, A, "Adaptive Optics and Quality of Vision", invited lecture presented at the XXIV Congress of the ESCRS 2006.

Pallikaris, A, "The Role of Photoreceptors Alignment in Quality of Vision", invited lecture presented at the XXIV Congress of the ESCRS 2006.

Pallikaris, A, "Adaptive Optics Ophthalmoscopy and Photoreceptor Mosaic", invited lecture presented at the XXIV Congress of the ESCRS 2006.

Pallikaris, A, "Optical Quality in Lamellar Keratoplasty", invited lecture presented at the 11th Winter Refractive Surgery Meeting of the ESCRS 2007.

Pallikaris, A, "Confocal Microscopy after Femtosecond Procedures", invited lecture presented at the 11th Winter Refractive Surgery Meeting of the ESCRS 2007.

Pallikaris, A, "Confocal Microscopy Analysis of Ectatic Corneas after Minimally Invasive Procedures", course lecture presented at the 21st Meeting of the Hellenic Society of Intraocular Implant and Refractive Surgery 2007.

Pallikaris, A, "Adaptive Optics Ophthalmoscopy and Photoreceptor Mosaic", invited lecture presented at the XXV Congress of the ESCRS 2007.

Pallikaris, A, "Principles of confocal microscopy and anatomy", invited lecture presented at the XXV Congress of the ESCRS 2007.

Pallikari, A, "Evaluation of Keratoconic and Ectatic Corneas with the HRT RCM", lecture presented at Heidelberg Engineering Booth during the annual American Academy of Ophthalmology meeting 2007.

Pallikari, A, "Using the HRT Rostock Cornea Module In Refractive Surgery", lecture presented at Heidelberg Engineering Booth during the annual American Academy of Ophthalmology meeting 2007.

Pallikaris A, "Functional imaging with adaptive optics", invited lecture presented at the 4th European Meeting in Visual and Physiological Optics.

Annex E. Conference Presentations

Pallikaris, A & Williams, DR, "Temporal variation in the reflectance of single cones in the living human eye", paper presented at the Association for Research in Vision and Ophthalmology annual meeting 2002.

Pallikaris, A & Williams, DR, "Temporal variation in the reflectance of single cones in the living human eye", poster presented at the annual symposium entitled "Engineering the Eye" 2002, at the Center of Visual Science.

Pallikaris, A, Williams, DR and Hofer, H, "The reflectance of single cones in the living human eye", paper presented at the Aegean Retina VIII meeting 2003.

Plainis, S, Ginis, H, Pallikaris, A and Pallikaris, IG, "Implementation of image quality metrics to predict accommodative response", poster presented at the Association for Research in Vision and Ophthalmology annual meeting 2004.

Ginis, HS, Pallikaris, A, Naoumidi, I, Panagopoulou, S and Pallikaris, IG, "The role of corneal epithelium in smoothing laser – induced surface irregularities in rabbits", poster presented at the Association for Research in Vision and Ophthalmology annual meeting 2004.

Pallikaris, A, Skondra, D and Tsilimbaris, M, "Repeatability of surface height, signal width, and edema index measurements of the HRT II in normal and diabetic subjects", poster presented at the Association for Research in Vision and Ophthalmology annual meeting 2004.

Pallikaris, A & Williams, DR, "Imaging of human cones using the adaptive optics ophthalmoscope", paper presented at the 37th Panhellenic Ophthalmological Congress 2004.

Skondra, D, Karavellas, M, Christodoulakis, E, Panteleontidis, V, Pallikaris, A, Pallikaris, I, Tsilimbaris, MK, "The use of HRT-II for the evaluation of the effect of PDT in eyes with subretinal neovascularization", paper presented at the 37th Panhellenic Ophthalmological Congress 2004.

Ginis, HS, Pallikaris, A, Plainis, S, Aslanides, IM and Pallikaris, IG, "Distribution of critical pupil diameter and depth-of-focus in an emmetropic population", paper presented at the II Topical Meeting of Physiological Optics (EOS) 2004.

Skondra, D, Karavellas, M, Christodoulakis, E, Panteleontidis, V, Pallikaris, A, Pallikaris, I, Tsilimbaris, MK, "The use of HRT-II for the evaluation of the effect of photodynamic therapy in eyes with subretinal neovascularization", poster presented at the American Academy of Ophthalmology and European Academy of Ophthalmology meeting 2004.

Ginis, H, Pallikaris, A, Plainis, S, "Depth of focus and critical pupil in an emmetropic population", paper presented at the 6th International Congress of Wavefront Sensing and Optimized Refractive Corrections 2005.

Plainis, S, Ginis, H, Pallikaris, A, "The effect of ocular aberrations on steady-state errors of accommodative response" paper presented at the 6th International Congress of Wavefront Sensing and Optimized Refractive Corrections 2005.

Pallikaris, A, Katsanevaki, VJ, Kalyvianaki, MI and De Brouwere, D, "Corneal healing response after photorefractive corrections using a modified confocal scanning laser ophthalmoscope", poster presented at the Association for Research in Vision and Ophthalmology annual meeting 2005.

Pallikaris, A, Diakonis, BF, Kounis, GA, Tziraki, M, "Central corneal thickness measurements with Heidelberg Retina Tomograph/ Rostock Cornea Module, Artemis, and Ultrasonic Pachymeters", poster presented at the Association for Research in Vision and Ophthalmology annual meeting 2006.

Ginis, HS, Karyotakis, NG, Plainis, S, Pallikaris, A, "The effect of light intensity on angular resolution of the human eye as determined by a two-point discrimination task", poster presented at the Association for Research in Vision and Ophthalmology annual meeting 2006.

Pallikaris, A, Diakonis, V, Tsiklis, N, Goumenou, A, Koumantakis, E, Kymionis, G, "Alterations of the cornea in females in menopause with dry eye", paper presented at the Aegean Cornea VIII meeting 2006.

Diakonis, V, Katsanevaki, V, Pallikaris, A, "Comparison of Epi-Lasik vs Epi-reversed with the use of MMC for low myopia", paper presented at the Aegean Cornea VIII meeting 2006.

Diakonis, V, Kymionis, G, Tsiklis, N, Pallikaris, A, Ginis, H, "Dry eye after photorefractive keratectomy with adjuvant mitomycin C", paper presented at the Aegean Cornea VIII meeting 2006.

Tsiklis, N, Kymionis, G, Pallikaris, A, Diakonis, V, Hatzithanasis, G, Kavroulaki, D, Pallikaris, I, "Long term results of superficial (after ultra thin flap creation) laser in situ keratomileusis (s-lasik)", paper presented at the Aegean Cornea VIII meeting 2006.

Pallikaris, A, Vrettos, J, and Plainis, S, "The influence of size and contrast on active eye fixation performance under monocular and binocular viewing conditions", paper presented at the 3rd European meeting in Physiological Optics.

Ginis, H, Karyotakis, N, and Pallikaris, A, "Resolving two point sources of increased luminous intensity: A cone response – based model of resolution", paper presented at the 3rd European meeting in Physiological Optics.

Plainis, S, Giannakopoulou, T, Pallikaris, A, Pallikaris, IG "Modeling the impact of ocular higher order aberrations on Contrast Sensitivity", paper presented at the 3rd European meeting in Physiological Optics.

Ginis, H, Kilintari, M, and Pallikaris, A, "An experimental evaluation of image quality metrics to predict sphero-cylinder correction", paper presented at the 3rd European meeting in Physiological Optics.

Lopez-Gil, N, Pallikaris, A, Ginis, H, Fernandez-Sanchez, V, "Effect of spherical aberration in the subjective spherical refraction and depth of field", poster presented at the Association for Research in Vision and Ophthalmology annual meeting 2007.

Kymionis, GD, Diakonis, V, Charisis, S, Tsiklis, N, Bouzoukis, D, Pallikaris, A, Naoumidi, I, Tsilimbaris, M, "Effect of topical mitomycin C on ciliary body and intraocular pressure after photorefractive keratectomy: An

experimental study”, poster presented at the Association for Research in Vision and Ophthalmology annual meeting 2007.

Tahir H, Parry NRA, Murray IJ, Pallikaris A, Brahma A, Ikram K, “ Contrast Sensitivity Based Orientation Changes in Refractive Surgery Patients”, paper presented at the 4th European Meeting in Physiological Optics.

Papadiamantis A, Drosos D, Plainis S, Pallikaris A, “Evaluating wavefront aberration pattern of single vision lenses”. Paper presented at the 4th European Meeting in Physiological Optics.

Annex F. Lectures

Pallikaris, A, “ The photoreceptor mosaic”, lecture presented at the 2nd Aegean Summer School in Visual Optics 2003.

Pallikaris, A, “ Optical properties of photoreceptors”, lecture presented at the 2nd Aegean Summer School in Visual Optics 2003.

Pallikaris, A, “ The photoreceptor mosaic”, lecture presented at the 3rd Aegean Summer School in Visual Optics 2004.

Pallikaris, A, “Fourier Optics : Part I and II”, lecture presented at the 4nd Summer School in Visual Optics 2004.

Pallikaris, A, “Principles and applications of confocal scanning laser ophthalmoscope”, lecture presented at the 4nd Summer School in Visual Optics 2004.

Pallikaris, A, “Confocal imaging of the cornea”, lecture presented at the 4nd Summer School in Visual Optics 2004.

Pallikaris, A, “The photoreceptor mosaic”, lecture presented at the 5nd Summer School in Visual Optics 2006.

Pallikaris, A, “Fourier Analysis I”, lecture presented at the 5nd Summer School in Visual Optics 2006.

Pallikaris, A, “Wavefront Sensing with the Shack Hartman Principle”, lecture presented at the 5nd Summer School in Visual Optics 2006.

Pallikaris, A, “Imaging the retina – confocal microscopy”, lecture presented at the 5nd Summer School in Visual Optics 2006.

Pallikaris, A, “Evolution of the visual system”, lecture presented at the 6nd Summer School in Visual Optics 2007.

Pallikaris, A, “Imaging the retina – cSLO”, lecture presented at the 6nd Summer School in Visual Optics 2007.

Pallikaris, A, “Confocal microscopy of the cornea”, lecture presented at the 6nd Summer School in Visual Optics 2007.

Pallikaris A. "Confocal microscopy of the cornea – retina", lecture presented at the 7th Summer School in Visual Optics 2008.