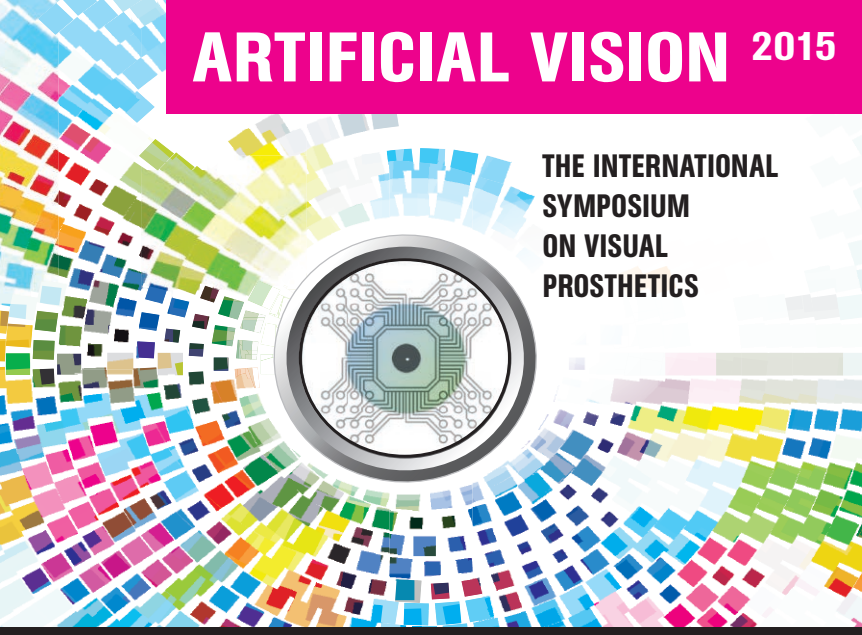
ARTIFICIAL VISION 2015



THE INTERNATIONAL SYMPOSIUM ON VISUAL PROSTHETICS

November, 27th – 28th, 2015 Aachen, Germany

FINAL PROGRAMME

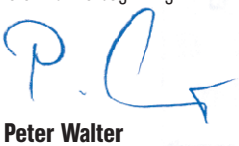
Center for Technology
Aachen Europaplatz
www.artificial-vision.org

RWTH AACHEN UNIVERSITY | JÜLICH FORSCHUNGSZENTRUM

Dear Colleagues and Friends,

it is my pleasure to welcome you to the 2nd International Symposium on Artificial Vision in Aachen, Germany. The implantation of visual neuroprostheses to restore vision in blind patients was a dream 20 years ago. Due to the efforts and work of scientists and researchers, due to the support of sponsors and funding organizations all over the world this dream has become reality. Currently, two retina implant systems are approved for the treatment of blindness caused by retinal degeneration and it can be assumed that more will follow. It has been convincingly demonstrated that visual functions in blind RP patients are getting better with such systems and also activities of daily life improve. However, not every patient improved, some complications are reported, and for some patients the gain in visual function is limited. Undoubtably, there is the need for further development and advancement. Whereas with retina implants only receptor diseases can be tackled visual neuroprostheses should also target higher centers of the visual system such as in the cortical or the CGL approach.

In this symposium researchers will present and discuss their latest findings in retinal degeneration mechanisms, basic concepts for neural stimulation, technology and materials for visual neuroprostheses, biocompatibility and experimental surgery, functional aspects as learned from preclinical experiments, and clinical findings. At the end we will also discuss new ideas and tools. There will be a lot of time for discussion and international networking. The idea of this symposium is to provide a platform for scientific exchange and discussion in an open collaborative atmosphere and to provide information, facts and data for all who are interested in this important topic which is still at its beginning.



Peter Walter
Department of Ophthalmology,
University Hospital Aachen
RWTH Aachen University, Medical Faculty

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Dennewartstraße 25-27
52068 Aachen, Germany

Scientific programme and further information
Prof. Dr. Peter Walter
Department of Ophthalmology, University Hospital Aachen
RWTH Aachen University, Medical Faculty
Pauwelsstraße 30
52074 Aachen, Germany
Phone: +49 2 41 / 8 08-81 91
Fax: +49 2 41 / 8 08-20 47
E-Mail: pwalter@ukaachen.de

Organization
Congress-**O**rganisation **G**erling GmbH
Werftstraße 23
40549 Düsseldorf, Germany
Phone: +49 2 11 / 59 22 44
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Date
Friday, November 27th, 2015, 14:00 h – 17:55 h
▼
Saturday, November 28th, 2015, 09:30 h – 15:50 h

Opening hours congress office
Friday, November 27th, 2015, 13:00 h – 17:55 h
▼
Saturday, November 28th, 2015, 08:45 h – 15:50 h

Lecture hall
Auditorium

Official Language
English

Homepage and Online Registration
www.artificial-vision.org

Hotel booking
See hotel list on the registration form
(printed or online: www.artificial-vision.org)

ATTENDANCE FEE

Registration	After September 8th	Onsite
International Symposium attendance fee	EUR 200,–	EUR 220,–
Reduced rate for PhD students and residents*	EUR 120,–	EUR 140,–

* Trainees must supply a letter of verification as proof of training. The letter has to be sent to the congress organization prior to the meeting.

The attendance fee covers the costs for coffee breaks, lunch, and the conference dinner (accompanying person EUR 50,–). Incl. VAT and excl. foreign transfer fees

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Important notes for participants

The attendance fee covers the costs for coffee breaks, lunch, and the conference dinner. If you register late or on site we cannot guarantee for lunch and participation at the social program.

You are encouraged to apply for the meeting either online, by mail or by fax.

Cancellation for the symposium has to be made via mail or via fax ((+49) 2 11 / 59 35 60) by November 21th, 2015. In any case an administration fee of EUR 20,– has to be paid. After this date no refunds can be made.

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Changes, errors and misprints excepted.

CME POINTS

The Symposium is registered at the Ärztekammer Nordrhein providing CME points for the *German Continuing Medical Education* System. Please bring your Bar Code Labels and we will register you for CME point documentation.

INFORMATIONS FOR SPEAKERS

Presentations

L = Lectures (15 min presentation incl. discussion)
T = Talk (8 min presentation + 2 min discussion)

Projection

Microsoft PowerPoint presentation on CD/DVD/USB-Stick or own notebook.
video codecs: Quicktime 7.7®, Windows Media Player 12.0®

Friday, 27th November, 2015

14:00 h **Peter Walter**
(Department of Ophthalmology, RWTH Aachen, University Hospital Aachen)
Welcome Address

14:10 h **Univ.-Prof. Dr. rer. nat. Stefan Uhlig**
(Dean of the Medical Faculty of RWTH Aachen)
Welcome Address

14:20 h **Dr.-Ing. Damian Dudek** (German Research Council DFG)
Welcome Address

14:30 h **Franz Badura** (Chairman of Pro Retina)
Welcome Address

14:45 h ▼ 15:15 h **I. Session**
Retinal Degeneration: Mechanisms, Phenotypes, Models

Chair: **Babac A.E. Mazinani** (Aachen/D)

01 T **Dilek Güven,** M. Demir, S. Üke Uzun, E. Ergen, S. Tiryak Demiri, A.G. Demir, H. Kaçar (Department of Ophthalmology, Sisli Hamidiye Etfal Teaching and Research Hospital, Istanbul/TR)
Demographical and clinical characteristics of retinitis pigmentosa patients screened for Argus II retinal prosthesis candidacy

02 T **Masakazu Hirota[1],** M. Takeshi[1], K.L. Tibor[1,2], M. Suguru[1,3], K. Hiroyuki[1], E. Takao[4], M. Tomomitsu[5], F. Takashi[1] ([1]Department of Applied Visual Science, Osaka University Graduate School of Medicine/J, [2]Department of Ophthalmology, RWTH Aachen, University Hospital Aachen/D, [3]Fundamental Technology Sec, R&D Department, Topcon Corporation/J, [4]Department of Ophthalmology, Osaka University Graduate School of Medicine, Osaka/J, [5]Department of Integrative Physiology, Graduate School of Medicine & Frontier Biosciences Osaka University, Osaka/J)
Relationship between Contrast Sensitivity and Parafoveal Cone Density in Normal Eyes and Eyes with Retinal Degeneration

03 T **Anna-Marina van der Meer[1],** S. Rösch[1], S. Johnen[1], F. Müller[2], P. Walter[1] ([1]Department of Ophthalmology, RWTH Aachen, University Hospital Aachen/D, [2]Institute of Complex Systems, Cellular Biophysics, ICS-4, Forschungszentrum Jülich GmbH, Jülich/D)
Effect of intravitreal MNU injections on mice and rabbit retinas

15:15 h ▼ 16:25 h **II. Session**
Basics for cell stimulation in the visual system

Chair: **Daniel L. Rathbun** (Tübingen/D)

04 L **Steven Walston,** R.H. Chow, J.D. Weiland
(University of Southern California, Los Angeles/USA)
Bipolar cell activation in response to repetitive extracellular electrical stimulation in the wholemount mouse retina

05 L **Mahmut Emin Celik[1],** I. Karagöz[1], M. Ozden[2], G. Sobaci[3]
([1]Gazi University, Ankara/TR, [2]Kirikkale University Electrical and Electronics Engineering Department, Kirikkale/TR, [3]Hacettepe University, Ankara/TR)
Determination of excitation thresholds for retina ganglion cells using biphasic and monophasic stimulation pulses to be designed for high resolution epiretinal prosthesis

06 L **Alex Hadjinicolaou**
(Department of Neurosurgery, Harvard Medical School, Boston/USA)
Electrical stimulation of retinal ganglion cells: mechanisms of neural activation

07 L **Daniel L. Rathbun,** S. Sekhar, A. Jalligampala, E. Zrenner
(Center for Integrative Neuroscience, Bernstein Center for Computational Neuroscience, Tübingen/D)
Linear Input Filters in Retinal Prosthetics

08 T **Thomas Schanze,** C. Dörr, I. Sauer (FB Life Science Engineering (LSE), Technische Hochschule Mittelhessen (THM), Gießen/D)
On spike sorting for neuronal prostheses

16:25 h **Coffee break in the industrial exhibition**

16:55 h
▼
17:55 h

III. Session
Technology and materials for visual prostheses

Chair: **Günther Zeck** (Tübingen/D)

09 T **Florian Waschkowski[1],** A.-C. Rieck[2], C. Brockmann[3], T. Laube[3], N. Bornfeld[3], P. Walter[2], W. Mokwa[1], G. Roessler[2] ([1]Institute for Materials in Electrical Engineering I, RWTH Aachen University/D, [2]Department of Ophthalmology, RWTH Aachen, University Hospital Aachen/D, [3]Department of Ophthalmology, University Hospital Essen/D)
Fabrication of Curved Flexible Microelectrode Arrays for epiretinal Stimulation

10 T **Nadine Winkin[1],** C. Etzkorn[2], S. Johnen[2], W. Mokwa[1], P. Walter[2]
([1]RWTH Aachen University/D, [2]Department of Ophthalmology, RWTH Aachen, University Hospital Aachen/D/D)
Flexible Multi-Electrode Array for Retinal Implants

11 L **Günther Zeck,** M. Stelzle, R. Samba, T. Herrmann
(NMI Natural and Medical Sciences Institute at the University of Tübingen/D)
PEDOT–CNT coated electrodes stimulate retinal neurons at low voltage amplitudes and low charge densities

12 T **Sandra Johnen[1],** A. Jupe[2], A. Goehlich[2], W. Mokwa[3], P. Walter[1]
([1]Department of Ophthalmology, RWTH Aachen, University Hospital Aachen/D, [2]Fraunhofer Institute for Microelectronic Circuits and Systems, Duisburg/D, [3]Institute for Materials in Electrical Engineering 1, RWTH Aachen University/D)
Physiological Properties of Retinal Precursor Cells Grown on Ruthenium Nano-Lawn Structures Generated for Modification of Microelectrode Array Systems

13 L **Kazim Hilmi Or** (Istanbul/TR)
The advantages and problems of the use of HDR (High Dynamic Range) technology / software & HDR sensors for prosthetic vision

19:30 h **Departure of bus transfer to the Conference Dinner**

20:00 h **Conference dinner**

FRIDAY

Saturday, 28th November, 2015

09:30 h **International Networking**

10:15 h ▼ **10:55 h** **IV. Session**

Preclinical Evaluation I: Biocompatibility and Surgery

Chair: **Gregg J. Suaning** (Sydney/AUS)

14 L **Gregg J. Suaning[1,2],** N. Lovell[1], N. James[1], A. Fung[2,3] ([1]Graduate School of Biomedical Engineering, UNSW Australia, Kensington/AUS, [2]Sydney Medical School, Sydney University, Sydney/AUS, [3]Australian School of Advanced Medicine, Macquarie University, Sydney/AUS)
Pre-clinical assessment of the Phoenix99 Retina Implant – passive performance in vivo

15 T **Takeshi Morimoto[1],** H. Kanda[1], T. Miyoshi[2], T.K. Lohmann[1,3], T. Fujikado[1] ([1]Dept of Applied Visual Science, Osaka University, Suita/J, [2]Dept. of Integrative Physiology, Osaka University, Suita/J, [3]Department of Ophthalmology, RWTH Aachen, University Hospital Aachen/D)
Surgical feasibility of wide-field dual-array suprachoroidal–transretinal stimulation (STS) prosthesis in middle-sized animals

16 L **Anne Christine Schnitzler[1],** P. Walter[1], F. Waschkowski[2], C. Etzkorn[1], W. Mokwa[2], G. Roessler[1] ([1]Department of Ophthalmology, RWTH Aachen, University Hospital Aachen/D, [2]Institute of Materials in Electrical Engineering, Chair 1, RWTH Aachen/D)
Biocompatibility of very large multielectrode arrays for epiretinal stimulation in rabbits

10:55 h ▼ **12:10 h** **V. Session**

Preclinical Evaluation II: Functional aspects

Chair: **Georges Goetz** (Stanford/USA)

17 T **Paul-Henri Prévot[1],** S. Dalouz[1], K. Blaize[1], E. Dubus[1], J. Porceddu[1], C. Nouvel-Jaillard[1], G. Goetz[2], M. Deterre[3], G. Buc[3], J.A. Sahel[1], S. Picaud[1] ([1]Institut de la vision, Paris/F, [2]Stanford University, Stanford/USA, [3]Pixium Vision, Paris/F)
Validation of photovoltaic subretinal implants on ex-vivo blind non-human primate retinas

18 L **Georges Goetz[1,2],** R. Smith[4], X. Lei[2], L. Galambos[2], T. Kamins[2], K. Mathieson[5], A. Sher[4], D. Palanker[1,3] ([1]HEPL, Stanford/USA, [2]Electrical Engineering, Stanford/USA, [3]Ophthalmology Stanford/USA, [4]SCIPP, University of California Santa Cruz/USA, [5]Institute of Photonics, University of Strathclyde, Glasgow/UK)
Contrast sensitivity with a subretinal prosthesis and implications for efficient delivery of visual information

19 T **Tibor Karl Lohmann[1],** H. Kanda[2], T. Morimoto[2], T. Miyoshi[3], W. Mokwa[4], P. Walter[1], T. Fujikado[2] ([1]Department of Ophthalmology, RWTH Aachen, University Hospital Aachen/D, [2]Department of Applied Visual Science, Osaka University, Osaka/J, [3]Department of Integrative Physiology, Osaka University, Osaka/J, [4]Institute for Materials in Eletrical Engineering I, RWTH Aachen, Aachen/D)
Suprachoroidal-transretinal stimulation with the VLARS (very large array retina stimulator) device in a cat

SATURDAY

20 T **Hiroyuki Kanda[1],** T. Miyoshi[2], T. Morimoto[1], T. Fujikado[1]
([1]Dept. of Applied Visual Science, , Osaka University, Osaka/J, [2]Dept. Of Integrative Physiology, Graduate School of Medicine, Osaka University, Osaka/J)
Spatial extent of neural responses evaluated by single-unit activities of the lateral geniculate nucleus elicited by suprachoroidal electrical stimulation

21 T **Henrike Stutzki[1,2],** F. Helmhold[1], G. Zeck[1] ([1]NMI – Natural and Medical Sciences Institute at the University of Tübingen, Reutlingen/D, [2]Graduate Training Centre of Neuroscience / International Max Planck Research School, Tübingen/D)
Electrical receptive field mapping in blind retina using localized electrical stimulation with a subretinal implant

22 L **Thomas C. Spencer[1],** J.B. Fallon, P.C. Thien, M.N. Shivdasani
([1]Bionics Institute, University of Melbourne/AUS,
[2]Department of Medical Bionics, University of Melbourne/AUS)
Restricting spread of neural activation in the retina using focused multipolar stimulation

12:10 h **Lunch break and visit of the industrial exhibition**

13:15 h
▼
15:00 h **VI. Session**
Experiences in patients, clinical results

Chair: **Lauren N. Ayton** (Melbourne/AUS)

23 L **Takashi Fujikado[1],** M. Kamei[2], H. Kishima[3], T. Morimoto[1], H. Kanda[1], H. Sakaguchi[2], K. Nishida[2], T. Endo[2], T.K. Lomann[4], T. Maruo[3], M. Hirota[1], K. Oosawa[5], M. Ozawa[5] ([1]Applied Visual Science, Osaka University, Osaka/J, [2]Ophthalmology, Osaka University, Osaka/J, [3]Neurosurgery, Osaka University, Osaka/J, [4]Department of Ophthalmology, RWTH Aachen, University Hospital Aachen/D, [5]Institute of Artificial Vision, Nidek Co/J)
Clinical Study of Retinal Prosthesis by 49 Channel Suprachoroidal-Transretinal Stimulation (STS) in Patients with Advanced Retinitis Pigmentosa

24 L **Mohit N. Shivdasani[1,2],** N.C. Sinclair[1], L.N. Gillespie[1,2], M.A. Petoe[1], D. Pardinas-Diaz[1], P.J. Blamey[1,2] for the Bionic Vision Australia Consortium ([1]Bionics Institute, East Melbourne/AUS, 2Medical Bionics Department, University of Melbourne/AUS)
Making phosphenes meaningful – Image and pattern recognition with a suprachoroidal retinal prosthesis

25 T **Lauren N. Ayton[1],** F. O'Hare[1], S.A. Bentley[2], L. Deverell[1], M.A. Petoe[3], N. Barnes[4], J.G. Walker[4,5], Z. Wu[1], C.D. Luu[1], J.Yeoh[1], P.J. Allen[1], R.H. Guymer[1], C.D. McCarthy[4,6] for the Bionic Vision Australia consortium. ([1]Centre for Eye Research Australia, The University of Melbourne, Royal Victorian Eye and Ear Hospital, East Melbourne/AUS, [2]Australian College of Optometry, National Vision Research Institute, The University of Melbourne, Carlton/AUS, [3]Bionics Institute and Dept. Medical Bionics, The University of Melbourne, East Melbourne/AUS, [4]NICTA Computer Vision Research Group and Research School of Engineering, Australian National University, Canberra/AUS, [5]National Institute of Mental Health Research, Australian National University, Canberra/AUS, [6]School of Software and Electrical Engineering, Swinburne University of Technology, Melbourne/AUS)
Navigation and Obstacle Avoidance with the Bionic Vision Australia Suprachoroidal Retinal Prosthesis

SATURDAY

26 L **Michaela Velikay-Parel[1],** Y. LeMer[2], G. Richard[3], M. Keserü[3], R. Hornig[4]
([1]Medical University Graz, Graz/A, [2]Fondation Ophtalmologique A. De Rothschild, Paris/F, [3]Klinik und Poliklinik für Augenheilkunde Hamburg-Eppendorf, Hamburg/D, [4]Pixium Vision SA, Paris/F)
The Intelligent Retinal Implant System IRIS V1: technology, surgical technique, first study results

27 T **Takao Endo[1],** T. Fujikado[2], M. Hirota[2], H. Kanda[2], T. Morimoto[2], K. Nishida[1]
([1]Department of Ophthalmology, Osaka University Graduate School of Medicine, Osaka/J, [2]Department of Applied Visual Science, Osaka University Graduate School of Medicine, Osaka/J)
Evaluation of reaching by localization test in a patient with retinal prosthesis by suprachoroidal-transretinal stimulation (STS)

28 L **Eduardo Fernandez[1,2],** A. Alfaro[1,2], R. Toledano[3], J. Albisua[4], A. García[1]
([1]Bioengineering Institute, Miguel Hernández University of Elche, Elche/E, [2]CIBER-BBN, Zaragoza/E, [3]Department of Neurology, Hospital Internacional Ruber, Madrid/E, [4]Department of Neurosurgery, Fundación Jimenez Díaz and Hospital Rey Juan Carlos, Madrid/E)
Towards a Cortical Visual Prosthesis for the Blind: Perceptions elicited by electrical stimulation of human visual cortex

29 L **Duane R. Geruschat,** J. Dorn ([1]Johns Hopkins University Wilmer Eye Institute, Baltimore/USA, [2]Second Sight Medical Products, Geneva/CH)
Analysis of Case Reports for the Argus II Retinal Implant

30 T **Hannah Schimitzek,** P. Walter
(Department of Ophthalmology, RWTH Aachen, University Hospital Aachen/D)
Surgery-associated adverse events of Argus II retinal prosthesis system

15:00 h
▼
15:50 h **VII. Session**

New Tools and Ideas

Chair: **Takashi Fujikado** (Osaka/J)

31 L **Gislin Dagnelie,** Gislin Dagnelie, D. Geruschat, R.W. Massof, P.E. Jeter, O. Adeyemo
(Johns Hopkins University, Dept. of Ophthalmology, Baltimore/USA)
Developing a calibrated ultra-low vision (ULV) assessment toolkit

32 T **Nabeel A. Fattah,** W. Al-Atabany, D. Sokolov, G. Chester, P. Degenaar
(Newcastle University, Newcastle upon Tyne/UK)
Real Time Fully Wireless Implantable Optogenetics Visual Cortical Stimulator

33 L **Pascal Raffelberg[1],** A.M. Marzouk[1], D. Schüttler[1], R. Viga[1], R. Kokozinski[1,2]
([1]Universität Duisburg-Essen, Fachgebiet Elektronische Bauelemente und Schaltungen, Duisburg/D, [2]Fraunhofer Institut für Mikroelektronische Schaltungen und Systeme IMS, Duisburg/D)
Evaluation of Neuronal Stimulation Methods for Retinal Bipolar Cells Including New Pulse Density Modulated, Charge Controlled Stimulation Approach

34 L **Peter Walter[1],** W. Mokwa[2], A. Grabmaier[3], R. Kokozinski[3], R. Viga[3] ([1]Department of Ophthalmology, RWTH Aachen, University Hospital Aachen/D, [2]Institute of Materials in Electrical Engineering I, RWTH Aachen University, Aachen/D, [3]Department for Electronic Devices and Circuits, University of Duisburg-Essen, Duisburg/D)
Development of an implantable epiretinal vision prosthesis with integrated image acquisition – OPTOEPIRET

15:50 h **Farewell**

SATURDAY

Friday, November 27th 2015

Conference Dinner

20:00 h **in the Kasteel Vaalsbroek – Bilderberg**
Vaalsbroek 1, 6291 NH Vaals
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Klaus Mages (drums, percussion)
Johannes Lemke (saxophone)
Philipp van Endert (guitar)

Price per person (incl. dinner and drinks):

Participant	included in the attendance fee, but due for notification
Accompanying person	EUR 50,–

Bus transfer from the congress venue:	19:30 h
Return:	approx. 23:30 h

Dr. Lauren N. Ayton
The University of Melbourne
Centre for Eye Research Australia
32 Gisbourne St
VIC 3002 East Melbourne
Australia

Franz Badura
PRO RETINA Deutschland e. V.
Vaalserstraße 108
52074 Aachen
Germany

Mahmut Emin Celik
Gazi University
Dept. of Electrical and Electronics Engineering
Maltepe 6570 Ankara
Turkey

Dr. Gislin Dagnelie
Johns Hopkins University
Wilmer Eye Institute
550 N. Broadway
MD 21205 Baltimore
USA

Dr. Ing. Damian Dudek
Deutsche Forschungsgemeinschaft e. V.
Kennedyallee 40
53175 Bonn
Germany

Takao Endo
Osaka University
Graduate School of Medicine
Dept. of Applied Visual Science
2-2 Yamadaoka Suita
565-0871 Osaka
Japan

M.Sc. Nabeel A. Fattah
Newcastle University
School of Electrical and Electronic Engineering
Merz Court
NE1 7RU Newcastle Upon Tyne
UK

Prof. Dr. Eduardo Fernandez
University Miguel Hernández
Bioengineering Institute
Avda de la Universidad, s/n
3202 Elche
Spain

Prof. Takashi Fujikado
Osaka University
Graduate School of Medicine
Dept. of Applied Visual Science
2-2 Yamadaoka Suita
565-0871 Osaka
Japan

MD, PhD Duane R. Geruscha
Johns Hopkins University
Wilmer Eye Institute
550 N. Broadway
MD 21205 Baltimore
USA

B.Sc. Georges Goetz
Stanford University
Hansen Experimental Physics Laboratory
452 Lomita Mall
CA 94305 Stanford
USA

Dr. Dilek Güven
Sisli Hamidiye Etfal Teaching and Research Hospital
Eye Diseases Clinic
Halaskargazi cad. Etfal sok.
34371 Istanbul
Turkey

Dr. Alex Hadjinicolaou
Harvard Medical School
Massachusetts General Hospital
Fried Lab - Neural Prosthetic Research
50 Blossom Street
MA 02114 Boston
USA

Masakazu Hirota
Osaka University
Graduate School of Medicine
Dept. of Applied Visual Science
2-2 Yamadaoka Suita
565-0871 Osaka
Japan

Dr. rer. nat. Sandra Johnen
Augenklinik der RWTH
Pauwelsstraße 30
52074 Aachen
Germany

Hiroyuki Kanda
Osaka University
Graduate School of Medicine
Dept. of Applied Visual Science
2-2 Yamadaoka Suita
565-0871 Osaka
Japan

Priv.-Doz. Dr.
Babac A.E. Mazinani
Augenklinik der RWTH
Pauwelsstraße 30
52074 Aachen
Germany

MD, PhD Takeshi Morimoto
Osaka University
Graduate School of Medicine
Dept. of Applied Visual Science
2-2 Yamadaoka Suita
565-0871 Osaka
Japan

Dr. Kazim Hilmi Or
Privat Eye Surgery
Valikonagi Cad. Sinoplu Sehit
Cemal Sok. Ege Apt. Ege Apt.
B Blok. 7/5. Nisantasi
34365 Istanbul
Turkey

Dr. Paul-Henri Prevot
Institut de la Vision
17 rue Moreau
75012 Paris
France

M.Sc. Pascal Raffelberg
Universität Duisburg-Essen
Fakultät für
Ingenieurwissenschaften
Fachgebiet Elektron.
Bauelemente und Schaltungen
Bismarckstraße 81
47057 Duisburg
Germany

Dr. Daniel L. Rathbun
Universitätsklinikum Tübingen
Forschungsinstitut für
Augenheilkunde
Röntgenweg 11
72076 Tübingen
Germany

Prof. Dr. Thomas Schanze
Fachhochschule
Giessen-Friedberg
Fachbereich KMUB
Biomedizinische Technik
Wiesenstraße 14
35390 Gießen
Germany

Hannah Schimitzek
Augenklinik der RWTH
Pauwelsstraße 30
52074 Aachen
Germany

Dr. Anne Christine Schnitzler
Augenklinik der RWTH
Pauwelsstraße 30
52074 Aachen
Germany

Dr. Mohit N. Shivdasani
Bionics Institute
384-388 Albert St
VIC 3002 East Melbourne
Australia

Thomas C. Spencer
Bionics Institute
384-388 Albert St
VIC 3002 East Melbourne
Australia

Henrike Stutzki
Naturwissenschaftliches
und Medizinisches
Institut an der Universität
Tübingen
Markwiesenstraße 55
72770 Reutlingen
Germany

Prof. Gregg J. Suaning
University of New South Wales
Graduate School of Biomedical
Engineering
Samuels Building
NSW 2052 Sydney
Australia

Univ. Prof. Dr. Stefan Uhlig
RWTH Aachen
Dekanat der Medizinischen
Fakultät
Pauwelsstraße 30
52074 Aachen
Germany

M.Sc.
Anna-Marina van der Meer
Augenklinik der RWTH
Pauwelsstraße 30
52074 Aachen
Germany

Prof. Dr. Michaela Velikay-Parel
Universitäts-Augenklinik
Auenbrugger Platz 4
8036 Graz
Austria

Steven Walston
USC Vision Research Center
1355 San Pablo Street
CA 90033 Los Angeles
USA

Prof. Dr. Peter Walter
Augenklinik der RWTH
Pauwelsstraße 30
52074 Aachen
Germany

Dipl.-Phys.
Florian Waschkowski
RWTH Aachen
Institut für Werkstoffe
der Elektrotechnik
Sommerfeldstraße 24
52074 Aachen
Germany

Dipl.-Ing. Nadine Winkin
RWTH Aachen
Institut für Werkstoffe
der Elektrotechnik
Sommerfeldstraße 24
52074 Aachen
Germany

Dr. Günther Zeck
Naturwissenschaftliches
und Medizinisches
Institut an der Universität
Tübingen
Markwiesenstraße 55
72770 Reutlingen
Germany

Bayer HealthCare
Kaiser-Wilhelm-Allee 70
51366 Leverkusen
Germany
www.bayer.de

Heidelberg Engineering GmbH
Max-Jarecki-Straße 8
69115 Heidelberg
Germany
www.HeidelbergEngineering.de

Optos GmbH
Prinzenallee 7
40549 Düsseldorf
Germany
www.optos.com

Pharm-Allergan GmbH
Westhafenplatz 6-8
60327 Frankfurt
Germany
www.allergan.de

Retina Implant AG
Gerhard-Kindler-Straße 8
72770 Reutlingen
Germany
www.retina-implant.de

Second Sight Medical Products (Switzerland) Sàrl
EPFL - Innovation Park A - CP 30
1015 Lausanne
Switzerland
www.secondsight.com

The Meeting Venue – Technologiezentrum Center for Technology, Aachen Europaplatz

The Europaplatz is one of the central traffic spots in Aachen. It is the endpoint of highway A544 leading the highway A4 from Cologne/Frankfurt and the highway A44 from Düsseldorf to the city center of Aachen. The Technologiezentrum is located just at the edge of this circle. Several hotels and the Aachen city center with the famous cathedral dating back from the 8th century and the city hall are nearby as well as many restaurants and other spots. Aachen is the city of RWTH Aachen University, a technical university with a strong focus on engineering, natural sciences, and medicine. RWTH Aachen shares a strong cooperation with the Research Center Jülich, one of the national Research Centers of the Helmholtz Group.

Aachen is also known for non-scientific activities and aspects. Among them horse sports is important. Aachen hosts the CHIO, the maybe most important annual equestrian festival. Aachen is located in the most western corner of Germany very close to the Netherlands and to Belgium making life in this corner of Germany very international and open. Important transnational cooperations are located in this area and Aachen has therefore also a very strong focus on Europe and the advancement of its integration. The Center for Technology hosts several companies and agencies working on the further development of this region. It also hosts the conference center where our meeting will take place.

International Airports. High Speed Train System

From Frankfurt. Take the ICE High Speed train from Frankfurt Airport Station to Cologne Main Station (approx. 1 h) and continue to Aachen Main Station (approx. 45 – 60 min).

From Düsseldorf. Take the train from Düsseldorf Airport Station to Aachen Main Station (approx. 1.5 h).

From Cologne. Take the train from Cologne Airport Station to Cologne Main Station (approx. 15 min) and than continue to Aachen Main Station (approx. 45 – 60 min).

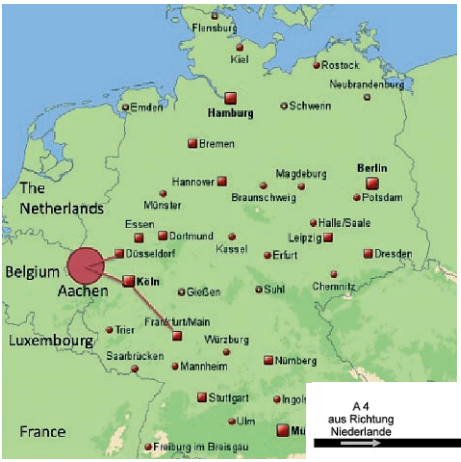
From Aachen Main Station take a taxi to Technologiezentrum at Europaplatz

By car

From Frankfurt Airport you can drive highway A3 to Cologne and then change to A4 direction to Aachen. At AK Aachen please change to A544 direction Aachen Europaplatz (approx. 3 h).

From Düsseldorf Airport. A52 ⟶ A61 ⟶ A44. Then A544 direction Europaplatz. (approx. 95 km, 1 h)

From Cologne Airport. Take the A59, then change to A599 followed by A4 towards Aachen. Then A544 direction Europaplatz. (approx. 82 km, 1 h)



Meeting address

Technologiezentrum Europaplatz. Dennewartstr. 25-27. 52068 Aachen, Germany.

(Stamp)

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For German participants:
BARCODE-AUFKLEBER
EFN-FORTBILDUNGSNUMMER

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Congress-
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Werftstraße 23
40549 Düsseldorf

GERMANY

NOVEMBER, 27th – 28th, 2015
AACHEN, GERMANY

ARTIFICIAL VISION 2015

THE INTERNATIONAL SYMPOSIUM ON VISUAL PROSTHETICS

Title	Name	First name
Institute		
Institute address		
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Important: Please print-type used! You will receive a registration confirmation. Cancellation of your registration has to be made via mail or via fax (+49 211 / 59 35 60) by November 21st, 2015. In any case an administration charge of € 20.00 has to be made. No refunds will be made after this date.
For German participants: **Bitte kleben Sie einen Aufkleber mit Ihrer Fortbildungsnummer (EFN/Barcode) auf die Vorderseite dieser Anmeldung!**

Please tick ☒:
I register **definitely** for **Artificial Vision2015**

Lunch on Saturday, November 28th, 2015 (included in the conference fee)
☐ yes ☐ no (please tick)

Social event:
☐ **Conference Dinner** (Friday, November 27th, 2015) _____ person/-s

I am a (please tick):
☐ Regular ☐ PhD student*, resident* **(*presentation of appropriate proof of status required)**

Payment (please tick required method):
☐ Bank transfer Credit card: ☐ MasterCard ☐ VISA ☐ American Express

Card No.: _____

Valid: _____ Card Validation Code (3 or 4 digits): _____

Hotel reservation:

_____ _____
Arrival date Departure date

Mercure Hotel Aachen Europaplatz****
www.mercure.com
(next to the Center for Technology)

SR: € 117.00 I DR: € 134.00
incl. breakfast
on request only

Please tick:
☐ Single room (SR)
☐ Double room (DR)

_____
Special request

Service and VAT (value added tax) are included in the room rate. The rooms will be confirmed by Congress-Organisation Gerling GmbH, Düsseldorf, in order of their receipt. To guarantee your requested hotel, reservations should be made as soon as possible.
Please do not reserve your hotel by phone. For cancellation and/or rebooking after confirmation an administration charge of € 20.00 will be made. In case of cancellation of the hotel reservation or if the participation is partly or fully cancelled after the indicated deadline Congress-Organisation Gerling GmbH reserves the right to charge up to 100 % of the agreed accommodation price.

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