Scientific Program

Wednesday, May 21
12:00-18:00 Registration
17:30- Welcome Party at Garden

Thursday, May 22
8:00-8:30 Breakfast at Reception Hall

Morning Seminar I 8:30-9:10 Reception Hall
New Generation In Structure And Function For Glaucoma Management — The New Humphrey Visual Field Analyzer With Guided Progression Analysis And Newly Featured Optical Coherence Tomographers, Stratus OCT And Cirrus HD-OCT
Carl Zeiss Meditec Co., Ltd.
Chairperson: Aiko Iwase
New Glaucoma Applications For Optical Coherence Tomography
Vincent Michael Patella
Effective Use Of Perimetry In Glaucoma Management
Anders Heijl

Opening Remarks 9:20-9:30 Noh Theatre

Session 1 9:30-11:45 Noh Theatre
Structure-Function Relationship
Moderators: Linda Zangwill and Ronald S. Harwerth
9:30- 1-01
A Structure-Function Map Derived From Medmont Perimetric Data
Andrew Turpin
11:15-
1-08 Nonlinear And Linear Models For Predicting Structure From Function In Glaucoma
Ronald S. Harwerth
Scientific Program

11:30-11:45 1-09 How Do Psychophysical Estimates Of Ganglion Cell Sampling Density Relate To Structural Measurements At The Optic Nerve Head In The Normal Ageing Eye? Tony Redmond

11:45-12:30 Lunch at Reception Hall

Luncheon Seminar I 12:30-13:20 Reception Hall
Ocular And Brain Changes In Glaucoma Monkey Models
Santen Pharmaceutical Co., Ltd.
Chairperson: Chota Matsumoto
Changes Of The Visual System In A Monkey Model Of Glaucoma
- Structural Changes In Retina And Optic Nerve Head
Masaaki Sasaoka
Changes Of The Visual System In A Monkey Model Of Glaucoma
- Lateral Geniculate Nucleus And Visual Cortex
Ronald S. Harwerth

IPS Lecture 13:30-14:30 Noh Theatre
The Evolution Of The Optic Disc Analysis: Past, Presence And Outlook
Fritz Dannheim

Session 2 14:30-15:30 Noh Theatre
Optic Nerve Head And Nerve Fiber Imaging
Moderators: Paul Artes and Goji Tomita
14:30-14:45 2-02 Interpretation Of Optic Disc Images For Glaucomatous Damage: Reference Data From Specialists
Jonathan Denniss

14:45-15:00 2-03 Performance Of Glaucoma Probability Score Classification (GPSC) In Glaucoma Screening With HRTII: Comparison With Moorfield's Regression Analysis (MRA)
Hisashi Takeda

15:00-15:15 2-04 A New Method For Evaluating Stereometric Data From The Heidelberg Retinal Tomograph (HRT3)
Allison McKendrick

15:15-15:30 2-05 Agreement Of Structural Abnormality By Heidelberg Retina Tomography And Optical Coherence Tomography In Ocular Hypertensive And Glaucomatous Eyes
Ryo Asaoka

15:30-15:45 2-06 Inner Retinal Layer Measurements With Fourier Domain Optical Coherence Tomography And Its Correlation With Optic Disc Topography Measured By Heidelberg Retina Tomography In Glaucomatous Eyes With Hemifield Defects
Goji Tomita

15:30-15:50 Coffee, Exhibits and Posters

Session 3 15:50-17:35 Noh Theatre
Clinical Perimetry
Moderators: Ulrich Schiefer and Aiko Iwase
15:50-15:55 3-01 Pre-anatomic And Pre-perimetric Glaucoma
Manuel Gonzalez de la Rosa

15:55-16:00 3-02 The Diagnostic Ability Of Anderson Criteria On Glaucomatous Visual Field Defects In Eyes With Myopic- And Nonmyopic-Type Optic Disc
Tairo Kimura

16:00-16:05 3-03 Test-Retest Differences Of The Visual Field In Retinitis Pigmentosa
Chris Johnson

16:05-16:30 3-04 Little Recovery Of Visual Field Defect In The Ischemic Retina In Branch Retinal Artery Occlusion
Hiroyuki Hijima

16:30-16:45 3-05 Perception Of Metamorphopsia Under Monocular And Binocular Conditions Evaluated By M-CHARTS And AMSLER CHARTS In Patients With Macular Diseases
Eiko Arimura

16:45-16:50 3-06 Evaluation Of Full-Field Sensitivity Test (FFST) Measures For Clinical Trials And Relationship To Wayfinding
Ronald Schuchard

16:50-16:55 3-07 Central Visual Field Changes In Myopic Glaucoma With Optic Disc Ovality
Rishu Inoue
Scientific Program

Friday, May 23

7:30-7:50  "Shikayose“ (Deer Gathering)

8:00-8:30  Breakfast at Reception Hall

Morning Seminar II  8:30-9:10  Reception Hall
HAAG-STREIT AG
The Role And Potential Of Kinetic Perimetry
- Current And Future Developments
Ulrich Schiefer

Fully Automated Kinetic Perimetry With
Computer-Simulated Virtual Patients
Chota Matsumoto

Session 4  9:20-10:25  Noh Theatre
New Perimetric Techniques I
Moderators: Chris Johnson and Chota Matsumoto

9:20-  4-01
Age-Corrected Normative Data For The Entire (90’)
Visual Field, Assessed With Full Threshold
Automated Static Perimetry And A Fast
Thresholding Algorithm (GATE)
Ulrich Schiefer

9:35-  4-02
Quantitative Assessment Of The Visual Field Loss Due To Retinitis Pigmentosa
Using Semi-automated Kinetic Perimetry
Katarzyna Nowomiejska

9:40-  4-03
Comparison Between Semi-automated Kinetic Perimetry (SKP) And Fully
Automated Kinetic Perimetry (AKP = Program K) In Patients With Visual Field Loss
Shigeki Hashimoto

9:55-  4-04
Influence Of Media Opacities On Flicker Perimetry
Chota Matsumoto

Aulhorn Lecture  10:25-11:25  Noh Theatre
Chairperson: David B. Henson
How Better Perimetry Can Improve Glaucoma Management
Anders Heijl

11:25-12:10  Lunch at Reception Hall

Luncheon Seminar II  12:10-13:00  Reception Hall
Alcon Japan Ltd.
Chairperson: Yoshiaki Kitazawa
Normal Tension Glaucoma: Clinical Challenges And New Therapeutic Concepts
David S. Greenfield

13:10-13:40  “Noh” Performance at Noh Theatre

13:50-  Walking Tour in Nara Park
Scientific Program

Saturday, May 24

8:00-8:30  Breakfast at Reception Hall

Morning Seminar III  8:30-9:10  Reception Hall
Topcon Corporation
Chairperson: Makoto Araie
Three-Dimensional Visualization And Thickness Mapping Of RNFL Using SD OCT
Yijun Huang

Session 5  9:20-10:10  Noh Theatre
Analysis Of Visual Field Data
Moderators: Richard P. Mills and Michael Wall

9:20-  5-01
A Comparison Of Catch Trial Methods Used In Conventional Perimetry In Glaucoma Patients
Carrie Doyle

9:25-  5-02
Use Of A Continuous Probability Scale To Display Visual Field Damage
Michael Wall

9:40-  5-03
Area-Threshold Curves Obtained Using Various Objects
Tsuyoshi Yoneda

9:45-  5-04
Influence Of Ocular Optical System Aberrations In Perimetry, Especially For Peripheral Vision Measurement
Genichiro Takahashi

9:50-  5-05
How Do Different Test Strategies For Estimating Perimetry Thresholds Behave When The Dynamic Range Of Measurement Varies?
Ciara Bergin

10:00-  5-06
Risk Factors For Progressive Visual Field Loss That Threatens Fixation
Sanae Kanno

10:10-10:30  Coffee, Exhibits and Posters

Session 6  10:30-11:50  Noh Theatre
Comparisons Of Perimetric Tests
Moderators: Fritz Dannheim and Genichiro Takahashi

10:30-  6-01
Comparison Of The Retinal Sensitivities And The Global Indices In SITA Standard And Dynamic Strategies
Hirotaka Suzumura

10:35-  6-02
Detectability Of Early Stage Glaucomatous Visual Field Defects In Dynamic And SITA Standard Strategies
Shiro Mizoue

10:40-  6-03
Variability With Multisampling Suprathreshold Perimetry And SITA Standard Perimetry In Glaucoma
Michael Horler

10:55-  6-04
The Relationships Between Threshold Estimates And Effective Dynamic Ranges Of Standard Automated Perimetry (Size III And V), Motion And Matrix Perimetry
Kimberly Woodward

11:00-  6-05
Conventional (Octopus G1X) And Flicker Fusion Perimetry (Pulsar) In Glaucoma: A Clinical Comparison
Fritz Dannheim

11:15-  6-06
Pulsar Perimetry In Diagnosis Of Early Glaucoma
Marco Zeppieri

11:20-  6-07
Potential Of Frequency Doubling Technology For Earlier Detection Of Damage Than Standard Automated Perimetry In Glaucoma With Lowered Intraocular Pressure
Aiko Iwase

11:35-  6-08
Comparison Of N-30 And 24-2 Threshold Programs Of Frequency Doubling Perimetry For The Evaluation Of Glaucomatous Visual Field Defect Severity
Shoichi Morise

11:50-12:35  Lunch at Reception Hall

Luncheon Seminar III  12:35-13:25  Reception Hall
New Perspectives In Detecting Glaucoma Progression
Pfizer Japan Inc.
Chairperson: Yoshiaki Kitazawa
Detection Of, Magnitude Of And Risk Factors For Progression In The Early Manifest Glaucoma Trial
Anders Heijl

13:35-14:25  Business Meeting at Noh Theatre
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<td><strong>Comparison Of Analysis Methods For Progression Of Visual Field Defect</strong></td>
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<td><strong>Trial Model Of Perimeter For Measuring Binocular And Monocular Visual Fields Separately While Opening Both Eyes</strong></td>
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<td><strong>Detection Of Local Visual Field Deterioration In Patients With Diffuse Improvement Using Cluster Trends Analysis</strong></td>
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<td><strong>The Influence Of Initial Visual Field Sensitivity On The Rate Of Visual Field Loss Over Time In Glaucoma Patients</strong></td>
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<td><strong>A New Short-Wavelength Automated Perimetry With Flicker Target</strong></td>
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| 16:35-                |             | **The Heidelberg Edge Perimeter: A New Method For Visual Field Assessment** |             |
| 8-08                  |             | **Poster**  |             |
| **Moderators:** John Flanagan | | **Glucomatous Visual Field In “Pupil Perimetry”** | | Noriko Sato |
| 16:50-                |             | 8-09        |             |
| **8-10**              |             | **Poster**  |             |
| **Utility Of Pupil Perimetry In Glaucoma** | | **Poster**  |             |
| Ken Asakawa           |             | 8-11        |             |
| **8-12**              |             | **Poster**  |             |
| **Evaluating Pupil Light Reflexes With Color Stimuli** | | **Poster**  |             |
| Keiichi Tanzawa       |             | 8-13        |             |
| **8-14**              |             | **Poster**  |             |
| **Higher Resolution Pupillographic Multifocal Perimetry** | | **Poster**  |             |
| Ted Maddess           |             | 8-15        |             |
| **Closing Remarks 17:25-17:30** |             | **Poster**  |             |
| **Noh Theatre**       |             | 8-17        |             |
| **Poster**            |             | **Closing Banquet at Hotel Nikko Nara** |             |
| 19:00-                |             | 8-18        |             |
| **Closing Banquet at Hotel Nikko Nara** |             | **Poster**  |             |