

Course Directors

Hakyoung Kim (South Korea)
Seung-Young Yu (South Korea)

Faculty

Balwantray Chauhan (Canada), K. Bailey Freund (USA), Damien Gatinel (France), Don-Il Ham (South Korea), Wilson Heriot (Australia), Frank G. Holz (Germany), Alex Huang (USA), Adrian Koh (Singapore), Hideki Koizumi (Japan), Ji Eun Lee (South Korea), Won Ki Lee (South Korea), Tock Han Lim (Singapore), Kyu Hyung Park (South Korea), Cynthia Roberts (USA), Srinivas R. Sadda (USA), Giovanni Staurenghi (Italy), Kyung Rim Sung (South Korea), Sebastian Wolf (Switzerland), Hyeong Gon Yu (South Korea), Suqin Yu (China), Linda Zangwill (USA)

Friday, October 18, 2019

08:30 Registration and Welcome Coffee

New Imaging Modalities & more – Update! Moderators: Seung-Young Yu, Giovanni Staurenghi

- 09:20** Welcome Note (Hakyoung Kim)
- 09:30** Are the OCTAs all the Same? (Giovanni Staurenghi)
- 09:50** Choroidal Change in Posterior Uveitis (Hyeong Gon Yu)
- 10:10** Novel Microperimetry Import Feature (K. Bailey Freund)
- 10:30** Novel Approaches to High Magnification Imaging (Frank G. Holz)
- 10:40** Fluorescence Lifetime Imaging (Sebastian Wolf)
- 10:50** **Panel Discussion – Moderators: Seung-Young Yu, Giovanni Staurenghi**

11:00 Coffee Break

Multimodal Imaging – One is Not Enough! Moderators: Ji Eun Lee, Sebastian Wolf

- 11:30** Why a Multimodal Imaging Approach for the CNV Classification is Important (Giovanni Staurenghi)
- 11:50** Management of Myopic CNV (Tock Han Lim)
- 12:10** Needs of Multimodal Imaging for CSC (Seung-Young Yu)
- 12:30** MacTel: Novel Insights (Frank G. Holz)
- 12:50** **Panel Discussion – Moderators: Ji Eun Lee, Sebastian Wolf**

13:00 Group Photo Slot 1 & Lunch

13:45 Poster Session starts

PCV Imaging – Asia only? Moderators: Kyu Hyung Park, Frank G. Holz

- 14:30** Management of PCV (Tock Han Lim)
- 14:50** Early Choroidal Hypofluorescence in ICGA in PCV (Ji Eun Lee)
- 15:10** Is ICGA Still Needed for the Diagnosis and Management of PCV? (Adrian Koh)
- 15:30** Multicolor Imaging and Color Fundus Photography in PCV Detection (Anna Tan)
- 15:40** **Panel Discussion – Moderators: Kyu Hyung Park, Frank G. Holz**

16:00 Coffee Break & Posters

OCT Imaging & More – Retina! Moderators: Suqin Yu, Tock Han Lim

- 16:30** Longitudinal Changes of Retina in Reticular Pseudodrusen (Don-Il Ham)
- 16:50** Biometric Analysis in Central Serous Chorioretinopathy (Hideki Koizumi)
- 17:10** More Effective Screening for Epiretinal Membranes (Hiroto Terasaki)

Ophthalmology and the International Space Station! Moderator: Alex Huang

- 17:20** Multicolor Imaging for Assessment of the Optic Nerve and Macula (Srinivas R. Sadda)
- 17:40** **Panel Discussion – Moderators: Suqin Yu, Tock Han Lim, Alex Huang**

18:00 END / Welcome Reception

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Saturday, October 19, 2019

08:30 Welcome Coffee

Honorary Lecture – Moderators: K. Bailey Freund, Hakyoung Kim

09:30 Unravelling the Pachychoroid Spectrum (Won Ki Lee)

Artificial Intelligence & More – No Doctors Please? Moderators: Don-II Ham, Srinivas R. Sadda

09:50 Automate Biomarker Detection from OCT Scans (Sebastian Wolf)

10:10 Function Follows Form: Morphology-Based Functions Prediction (Frank G. Holz)

10:20 Deep Transfer Learning Classification Algorithms (John Miller)

10:30 Identifying the Intra-Retinal Fluid and Sub-Retinal Fluid Using OCT 3D-Analytics and Multicolor Imaging (Suqin Yu)

10:50 Panel Discussion – Moderators: Don-II Ham, Srinivas R. Sadda

11:00 Coffee Break

Glaucoma Imaging & More! Moderators: Kyung Rim Sung, Balwantray Chauhan

11:30 Two-Photon Imaging of Retinal Ganglion Cells (Balwantray Chauhan)

11:50 Effect of Glaucoma Surgery on Optic Disc and Peripapillary Retinal Circulation (Kyung Rim Sung)

12:10 Bleb Biology and Outflow (Alex Huang)

12:30 Artificial Intelligence/Deep Learning for Detection of Glaucoma and Prediction of Visual Field Damage (Linda Zangwill)

12:50 Deep-Layer Microvasculature Dropout in Pre-perimetric Glaucoma Patients (Min Hee Suh)

13:00 Panel Discussion – Moderators: Kyung Rim Sung, Balwantray Chauhan

13:10 Group Photo Slot 2 & Lunch

13:45 Poster Session starts

ANTERION Anterior Segment Imaging – 4 in 1! Moderators: Cynthia Roberts, Damien Gatinel

14:30 What I Like in Anterior Segment Imaging – An Introduction to ANTERION (Cynthia Roberts)

14:50 Preliminary Experience with the ANTERION (Damien Gatinel)

15:10 Anterior Segment Imaging in Glaucoma (Alex Huang)

15:30 ANTERION Applications (Cynthia Roberts)

15:50 Panel Discussion – Moderators: Cynthia Roberts, Damien Gatinel

16:00 Coffee Break & Posters

Optical Coherence Tomography Angiography – Update! Moderators: Hyeong Gon Yu, Adrian Koh

16:30 Dense B-Scan OCTA (K. Bailey Freund)

16:50 Retinal Biomarkers for Disease Prognostication (Adrian Koh)

17:10 OCTA in Diabetics (Wilson Heriot)

17:30 Friend or Foe: OCT Angiography based Type 1 CNV Detection and Progression of Geographic Atrophy (Frank G. Holz)

17:40 Stress/Rest Optical Coherence Tomography Angiography Study (Marco Lupidi)

17:50 OCTA in Epiretinal Membrane (Kyu Hyung Park)

18:10 Panel Discussion – Moderators: Hyeong Gon Yu, Adrian Koh

18:15 END

Poster Presentations

A Case of Acute Optic Neuritis in a Physician

(Manish Jain)

Automated Identification of Spontaneous Venous Pulsation from Infrared Video of the Optic Nerve Head

(Scott Stainton)

Detection of Retinal Microvascular Changes in von Hippel-Lindau Disease using Optical Coherence Tomography Angiography

(Raviv Katz)

Multimodal Imaging Analysis of Abilateral Multiple Serous Retinal Detachments Following Caffeine-Based Thermogenic Supplements

(Clovis Arcoverde Freitas Neto)

The Periarterial Capillary-Free Zone and the “Fern-Like” Retinal Vasculitis Appearance: A Fluorescein Angiography and Optical Coherence Tomography Angiography Evaluation in a Patient with Intermediate Uveitis

(Clovis Arcoverde Freitas Neto)

Optical Coherence Tomography Characteristics of Taxane-Induced Macular Edema and Other Multi-Modal Imaging Findings

(Anna Tan)

How Does OCT-A Scan Type Affect Discovery of Different Diabetic Retinopathy (DR) Lesions?

(John Miller)