



**7-8 July 2018  
Singapore**

Early bird registration and abstract submission is now open!



**3rd Asia-Pacific Tele-Ophthalmology Society Symposium**

# **BIG DATA ANALYTICS + ARTIFICIAL INTELLIGENCE EVOLUTION IN OPHTHALMOLOGY**

The 2 day Symposium covers a wide range of exciting topics on the use of big data analytics and AI in tele-ophthalmology, including practicality, regulatory and ethical challenges of using big data in our public healthcare systems.

Industrial speakers from Google, NVIDIA and many others will share their insights on how AI can be an effective tool in real-world diagnostic, preventive and treatment patterns of ophthalmic conditions, especially in low access countries. Make a date with us !

Register at [2018.asiateleophth.org](http://2018.asiateleophth.org)

Email: [aptos2018@sneec.com.sg](mailto:aptos2018@sneec.com.sg) for more information

Organised by:







## INTERNATIONAL SPEAKERS

### USA

#### Professor Michael Chiang

Principal Study Investigator,  
Imaging and Informatics in Retinopathy of Prematurity  
Oregon Health and Science University (OHSU)

#### A/Professor Lama Al-Aswad

Director of Tele-Ophthalmology Initiative, Columbia University Medical Centre

#### Dr Robert Chang

Ophthalmologist, Stanford University Medical Centre  
Vice-President, Asia Pacific Tele-Ophthalmology Society

#### Dr Lily Peng

Product Manager, Google Health Inc

#### Dr Gil Binenbaum

Director of Inpatient Ophthalmology Consultation Service,  
Children's Hospital of Philadelphia

#### Dr Jochen Kumm

Director, Biomath, Stanford Genome Technology Centre

#### Dr Philippe Burlina

Associate Professor, Applied Physics Lab, John Hopkins University

### ASIA-PACIFIC

#### Professor He Mingguang

University of Melbourne, Centre of Eye Research Australia  
Richard Fan Distinguished Lectureship 2018  
President, Asia Pacific Tele-Ophthalmology Society

#### Dr Carol Cheung

Department of Ophthalmology & Visual Sciences,  
The Chinese University of Hong Kong

#### Dr Muhammad Bayu Sosongko

Clinician-Scientist, Gadjah Mada University

#### Dr Paisan Ruamviboonsuk

Assistant Director, Centre of Medical Excellence Rajavithi Hospital

#### Dr Nor Fariza Ngah

National Head of Ophthalmology Services, Ministry of Health, Malaysia

#### Associate Professor Tengku Ain

Department of Ophthalmology, Faculty of Medicine, University of Malaya

#### Professor Wong Tien Yin

Medical Director, Singapore National Eye Centre  
Vice-Dean, Duke-NUS Medical School  
Deputy Group CEO (Research & Education), SingHealth

#### Dr Gavin Tan

Consultant, Singapore National Eye Centre  
Clinical Director, SNEC Ocular Reading Centre

#### Dr Daniel Ting

Associate Consultant, Singapore National Eye Centre

#### Dr Liu Yong

Scientist, Computing Science  
Institute of High Performance Computing (IHPC), A\*STAR

#### Dr Sangchul Yoon

Ophthalmologist, Yonsei University, South Korea

## HIGHLIGHTS

### APTOS PROGRAMME DAY 1 SATURDAY, 7 JULY 2018, 9AM - 6PM

**Tour of Singapore's Primary Eye Care  
and Reading Centres to View  
Tele-Ophthalmology Initiatives**  
(Limited to first 40 pax who sign up)

**Keynote Lunch Symposium -  
Richard Fan Distinguished  
Lectureship 2018**

**Artificial Intelligence in  
Real World Screening**  
Professor He Mingguang

**Keynote Symposium 1  
Artificial Intelligence &  
Big Data Analytics - Applications in  
Ophthalmology and Other Divisions  
of Medicine**

**Keynote Symposium 2  
Telemedicine in Ophthalmology**

**Roundtable Hour**

### APTOS PROGRAMME DAY 2 SUNDAY, 8 JULY 2018, 8.30AM - 4.30PM

**APTOS Symposium 1  
Artificial Intelligence & Data Analytics**

**APTOS Symposium 2  
Asian Tele-Ophthalmology Initiatives  
Mobile Devices for Eye Screening**

**APTOS Symposium 3  
Regulatory / Ethics / Legislation in AI**

**Free Paper Session**

For sponsorship opportunities, please visit  
[2018.asiateleophth.org](http://2018.asiateleophth.org) for more details