

WELCOME MESSAGE



Dear Guests, colleagues and friends,

As neurosurgeons, we are always handling the most delicate and indispensable system in our bodies. It pays to use the most advanced technologies, finesse of microsurgery, and the brightest minds, be it human or artificial intelligence, to treat the diseases of the brain. In the midst of COVID-19 pandemic this year, we stand with courage and run our first virtual Annual Scientific Meeting.

Our theme this year is "Smart Hospital and Artificial Intelligence in Neurosurgery". It is our great honour to have Dr. Neil A. Martin, the Former Chair of the Department of Neurosurgery, UCLA as our keynote speaker. He is currently the Director of Quality and Innovation in the Pacific Neuroscience Institute in Los Angeles, USA, as well as the Medical Director for Neuroscience for the 11 hospitals of the Southern California Providence Health System. Our next keynote speaker is Prof. Yoshihiro Muragaki of the Faculty of Advanced Techno-Surgery (FATS), Institute of Advanced Biomedical Engineering & Science, Tokyo Women's Medical University, Japan and he will share with us his advanced Hyper SCOT (Smart Cyber Operating Theatre).

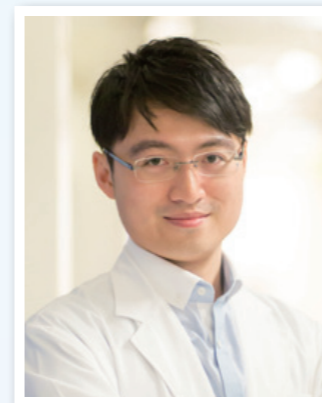
Our local speaker Dr. Gary Kui-Kai Lau, University of Oxford Croucher Scholar as well as the Director of the Stroke Research and Prevention Unit of the University of Hong Kong, will share his big data research in stroke. Besides, Prof. David Chuen-Chun Lam of the Department of Mechanical and Aerospace Engineering of the Hong Kong University of Science and Technology will present his big data research in predicting aneurysm rupture. Last but not the least, our invited speaker Dr. Walter C. Jean, Professor of Neurosurgery and Director of Skull Base Surgery at George Washington University, USA will introduce his virtual reality technology in planning, rehearsal and navigation, to achieve the optimal skull base exposure for resection of tumours.

Finally, I would like to take this opportunity to thank Dr. Calvin Mak and the organizing committee, the Secretariat, all helpers, the commercial sponsors, and all of you who participate. I hope all of you would find the programme interesting and useful to your practice and have a fruitful and safe weekend.



Dr. Michael Lee
President
The Hong Kong Neurosurgical Society

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Dear guests, members, and friends,

It is my honor to announce the commencement of our 27th Annual Scientific Meeting of the Hong Kong Neurosurgical Society. This is the first ever virtual ASM we have ever held, amid the global pandemic situation. Coincidentally, it resonates with our theme this year – "Smart Hospital and Artificial Intelligence in Neurosurgery", using technology in our neurosurgical practice and knowledge exchange.

We are glad to have invited an unprecedented number of speakers, including Prof. Neil Martin and Prof. Yoshihiro Muragaki as our keynote speakers, alongside with Prof. Walter Jean, Prof. David Lam and Dr. Gary Lau as invited speakers. They are going to share their wisdom and insight on how artificial intelligence will impact on neurosurgery and what it takes to build a smart neurosurgical center. We also have two new sessions from the Spine Chapter and Stereotactic Radiosurgery Chapter of the HKNS, to give us highlights and plans of future development.

I would like to express my sincere thanks to all the speakers, the Organizing Committee, IT Subcommittee, secretariat staff, and all of you for making this a successful and memorable event, in this special year of 2020.

Hope to see you all in person in 2021, and stay healthy!



Dr. Calvin MAK
Honorary Secretary