Date &Time
27-Nov-2022
Thailand Time: 10:30 am
Japan Time: 12:30 pm

Our Guest Speaker: Dr. Tin Tin Khaing

Medical Image Analysis in Retinal Diseases

Her Biography

She received her B.C.Sc. from University of Computer Studies (Mandalay), Myanmar in 2013. In 2014, she joined the postgraduate diploma in software development program at the International Institute of Information Technology (Bangalore), India. In 2017, she received her M.S. degree in engineering and technology from SIIT, Thammasat University, Thailand. In 2022, she received her doctoral degrees in engineering and technology from Thammasat University and in medical engineering from Chiba University, Japan. She is currently working as a Researcher at the R&D department of SAKI Corporation residing in Tokyo, Japan.

Some outlines of her talk

Visual impairment and vision loss affect an individual's public health and ability to participate in the workplace and educational activities. It leads to a reduction in the quality of life with a life-threatening condition. Ophthalmologists document the presence of eye diseases and retinal changes over time. There are several imaging tools to diagnose and manage retinal diseases, such as retinal fundus imaging, optical coherence tomography (OCT), OCT angiography, etc. Computer-aided diagnosis is becoming a subject of research in ophthalmology to alleviate the burden on eye doctors. Advancements in computer vision contribute to developing computer-aided systems for the most common diseases such as diabetic retinopathy, glaucoma, etc. The computer-aided image analysis in various retinal diseases will be included in this talk.

Chairperson: Dr. Ye Kyaw Thu (Lab Leader)

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