

Online Symposium on

2021

Medical Imaging

This symposium focuses on quantitative image analysis and its clinical applications.

After attending this symposium, audience is expected to understand that quantitative image analysis helps us to interpret medical images from a comprehensive perspective to human vision, and is expected to trigger innovative research.

Xinchun Li,



Professor, Chief physician, Medical Doctor and Doctoral Supervisor, Chief of the Department of Radiology, The First Affiliated Hospital of Guangzhou Medical University

1991, Bachelor degree, Xinjiang Medical University, China
1997, Master degree, Xinjiang Medical University, China
2003, Doctor degree, Sun Yat-sen University, China
2013, Visiting scholar, The University of Chicago, USA

10:00-12:00

A Clinical Application on Diagnosis of Lung Nodules by using High-Resolution Computed Tomography and Radiomics

Lung adenocarcinoma and preinvasive lesions are divided into atypical adenomatous hyperplasia (AAH), adenocarcinoma in situ (AIS), micro-invasive adenocarcinoma (MIA) and invasive adenocarcinoma (IAC). There are different survival rates after treating different types of lung adenocarcinoma and preinvasive.

In this lecture, we will give a view on clinical application of diagnosis of different types of lung adenocarcinoma and preinvasive by using high-resolution computed tomography and radiomics.

For more info and registration please access below

<https://www.kit.ac.jp/2021/07/symposium20210729/>



July 29th Thursday

10:00-12:00 ,

13:00-17:00 in Kyoto

Join us on WebEX!

Please register by
July 29th 10:00 JST



Yahui Peng,

Professor,
School of Electronic and Information Engineering, Beijing Jiaotong University

1998, Bachelor degree, Tsinghua University, China

2001, Master degree, Tsinghua University, China

2010, Doctor degree, The University of Chicago, USA

13:00-15:00

Quantitative Medical Image Analysis for Magnetic Resonance Imaging and Fundus Photography

Magnetic resonance imaging (MRI) and fundus photography are common medical examinations and the resulting images are informative for a spectrum of diseases.

In this lecture, we will review a few studies we have done in the past a few years for analysis of MRI and fundus images.



Linni Wang,

Lecturer,
Eye Institute and School of Optometry, Tianjin Medical University Eye Hospital

2007, Bachelor degree, Dalian University, China

2010, Master degree, Tianjin Medical University, China

2018, Doctor degree, Tianjin Medical University, China

15:00-17:00

Imaging Manifestations of Common Ocular Fundus Diseases

Fundus disease is the main cause of irreversible blindness, accounting for more than 50% of blindness in patients.

In this lecture, we will introduce the pathogenesis, fundus imaging manifestations and their used and effective treatment on clinical fundus diseases.

Organized by [Visual Information Lab, Kyoto Institute of Technology, Japan](#)
Co-organized by [The First Affiliated Hospital of Guangzhou Medical University, China](#)
[Beijing Jiaotong University, China](#)
[Tianjin Medical University Eye Hospital, China](#)

Contact: techleader@jim.kit.ac.jp