



Graduate Seminar – PhD Oral Defence

Student : Mr. LOU Kuan Wen

Supervisor : Prof. HO Yi Ping, Megan

Date : 20 June 2023

Time : 10:30am

Venue : ERB1122, William M. W. Mong Engineering Building

Zoom Link : <https://cuhk.zoom.us/j/96033947905?pwd=UW1iNlkyFRqc2FOeTQyTVNXtkNYUT09>

Meeting ID : 960 3394 7905

Password : 431802

Title: **Translational Use of Gas Sensors in Human Breath Analysis for Health Monitoring**

Volatile Organic Compounds (VOCs) in human breath can provide valuable information about our health. Despite a substantial body of research on using Metal Oxide (MOX) gas sensors to detect VOCs at ultra-low concentrations, very few devices currently on the market exploit this technology for breath analysis. The gap between laboratory gas sensor research and practical, field-ready breath analyzers warrants further investigation.

***** ALL ARE WELCOME *****

For enquiries, please contact Ms. Joyce Chan, Department of Biomedical Engineering at 3943 8278