PSU Virtual Visiting Professor

Professor Thorsten Wohland

Departments of Biological Sciences and Chemistry

National University of Singapore

24 June 2022

Zoom Link: <https://zoom.us/j/95681896005>

Tentative Timetable

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| **Time** | **Activities** |
| 8:50 am - 9 am | Opening remarks |
| 9 am -10 am | Lecture 1 (45 min) plus 15 min Q&A  *“Introduction to the basics of fluorescence”* |
| 10 am -10:45 am | Lecture 2a (45 min)  *“Fluorescence Correlation Spectroscopy (FCS): From Noise to Information”* |
| Break | |
| 11 am - Noon | Lecture 2b (45 min) plus 15 min Q&A  *“Fluorescence Correlation Spectroscopy (FCS): From Noise to Information”* (cont.) |
| Lunch | |
| 2 pm – 3 pm | Lecture 3 (45 min) plus 15 min Q&A  *“Applications of FCS to Biological questions (in vitro, in cells, in vivo)”* |
| 3 pm – 5 pm | Interactive session with breaks and discussions |
| Final discussion with students | |

**Hosts**

Center of Excellence for Trace Analysis and Biosensor (TAB-CoE), PSU

Division of Physical Science, Faculty of Science, PSU

National Astronomical Research Institute of Thailand (NARIT)

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