



Invitation

2021. 3. 15 (Monday)
13:00 - 14:00

Speaker: **Prof. Tim Yeh**
Biomedical Engineering Department
University of Texas at Austin

Title: **Time-resolved 3D single-molecule tracking
in cytosol and new fluorescence nanobiosensors**

Prof. Yeh and his colleagues have recently established a time-resolved 3D single-molecule tracking method that can track a single fluorescent molecule in the cytosol and simultaneously monitor its fluorescence lifetime. Using this technique, they found the association constants of oligonucleotides can be ~200-fold higher in the crowded cellular environment (ACS Nano 2020, JACS 2019, Nature Commun. 2015). Prof. Yeh will also talk about a new class of nanobiosensors he is developing.

Website: <https://www.bme.utexas.edu/people/faculty-directory/yeh>

Venue: **OIST Central Building C209 and Zoom**

Zoom Link: <https://oist.zoom.us/j/92006122001?pwd=QUEwaDRzTGxabXN3TWVwSjV2eFBCZz09>

Meeting ID: 920 0612 2001 / Passcode: 896686

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