

第5回マイクロシステム化学セミナー

演題 High Performance Biosensing with Surface Plasmon Resonance (SPR) through Biomimetic Interfaces, Machine Learning Algorithms and New Plasmonic Substrates

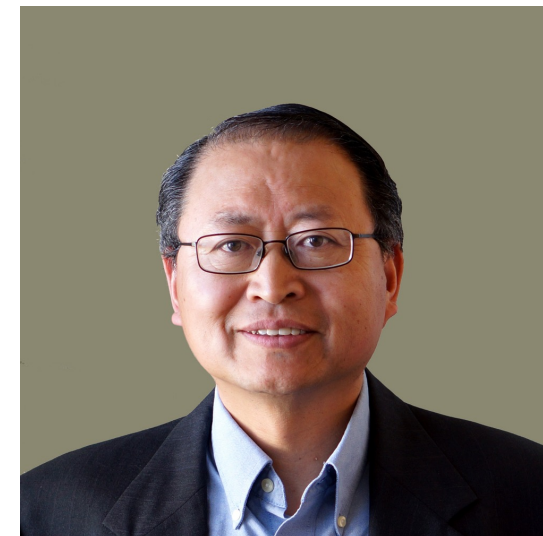
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日時 2024年11月5日 (火) 10:00 ~ 11:00

場所 材料化学棟 MC102

主催 応用化学部門 マイクロシステム化学研究室

共催 フロンティア化学教育研究センター



Advances in biosensor technology rely on fundamental developments that improve on signal measurement and the ability to handle complex biological samples. In this talk, recent work conducted in our laboratory towards high performing biosensing by surface plasmon resonance (SPR) with biomimetic interfaces, novel nanoplasmonic designs, and machine learning algorithms will be discussed.