

Special Seminar

Enantioselective mass spectrometry and other advances

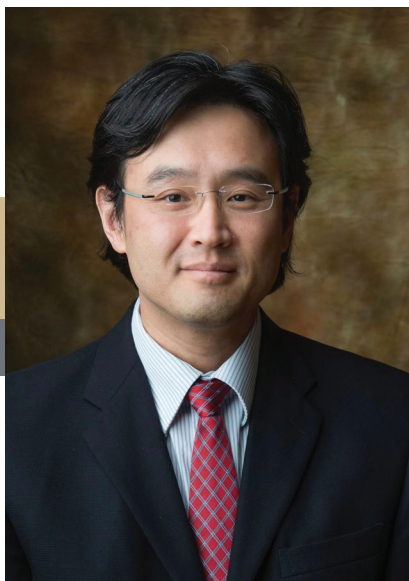
Prof. Zheng Ouyang

Professor and Chairman of the Department of Precision Instrumentation

Vice Provost for Undergraduate Academic Affairs

Dean of the Tsinghua Shenzhen International Graduate School

Tsinghua University



Prof. Ouyang will overview a very significant study on chirality from his group at Tsinghua University. This study appeared in *Science* two weeks ago,¹ and has already been covered by several news outlets.²⁻³ Prof. Ouyang will also discuss other remarkable applications of mass spectrometry to organic chemistry.

¹ Zhou, Wang, Li, Rong, Bu, Liu, and Ouyang. Differentiating enantiomers by directional rotation of ions in a mass spectrometer. *Science* 2024, 383, 6683, 612-618.

² Lowe. Enantioselective mass spec, of all things. *Science* Editor's Blog, 14 Feb 2024.

³ Sanderson. Mirror-image molecules separated using workhorse of chemistry. *Nature* News, 8 Feb 2024.



Monday, February 19, 2024



3:30 pm



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