



Abberior STED Super Resolution Microscopy: Technologies from its Inventors, Applications and Beyond

Dr. Xiaoyu Li

APAC Manager, Abberior Instruments GmbH



WEDNESDAY
19 November 2025



TIME
11:00 – 12:00



VENUE
G4-702, 4/F Yeung Kin Man Academic Building

ABSTRACT

STimulated Emission Depletion (STED) microscopy is one of the technologies overcomes the optical refraction limit of 200nm. After years of development, maturation and innovation, STED is now one of the most popular and easy-to-use microscopies for research of different areas all over the world.

In this talk, Dr. Xiaoyu Li will introduce the principle of STED, the advancement of Abberior STED microscopy and the latest development in MINFLUX – the world's most powerful fluorescence microscope. Unique technologies in Abberior STED and their superiorities in applications will be presented.

