

SEMINAR



Dr. Teng-Leong Chew
HHMI Janelia Research Campus



Date: 5 April 2024

Time: 1:30 PM

Seminar room: OIST Center Building C210

Imaging Across Biological Length Scales with the Emerging Frontiers in Microscopy

Biography

Former director of the Center for Advanced Microscopy at Feinberg School of Medicine, Northwestern University in 2002, and led the facility to be recognized as one of the few selected Nikon Imaging Centers of Excellence in the world. At the same time, his lab began devising methods to engineer three-dimensional, lumenized vascular network capable of dynamic signaling read-out. This approach ultimately allowed Chew and his team to dissect the regulatory signals in the opposing endothelial cells during active tumor diapedesis – providing a rare glimpse into the signaling cascade during tumor invasion, not from the perspective of the cancer cell, but from the underlying endothelium.

In 2009, Chew was further appointed to the position of Director for University Imaging Resources at Northwestern, overseeing the overarching strategy in building integrated imaging infrastructure across all seven imaging centers and cores within the university.

Chew joined Janelia in 2014 to serve as the Director for the Advanced Imaging Center. Here, he leads the effort in building the unique collaborative imaging center that serves as the gateway through which the wider scientific world can access Janelia's cutting-edge microscopy capabilities.

Hosted by:



Shinya Komoto
Imaging Core Facility
OIST



Prof. Naoto Ueno
Advanced Bioimaging
Support (ABiS)