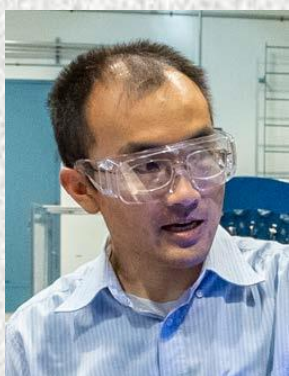


# The 115<sup>th</sup> GREEN Seminar



## Superconducting Magnet Activities and Superconductor Materials Research at LBNL

*Chair: Dr. Akihiro Kikuchi (GREEN)*

### Dr. Ian Pong

(Lawrence Berkeley National Laboratory, US)

LBNL has been one of the leading research centres for superconducting magnet technology. In the past 25 years, it has been at the forefront of Nb<sub>3</sub>Sn conductor development and magnet design, especially for high energy physics particle accelerators. This talk will describe LBNL's contribution to the High Luminosity upgrade of the LHC (Large Hadron Collider) at CERN, as well as to more general accelerator R&D under the U.S. Magnet Development Program. An emphasis will be placed on the superconductor materials research, including both wires and Rutherford cables.

**Venue:** No.1 Conference Room, 1F, Central Bldg.,  
Sengen-site

**Date & Time:** 10:30-11:30, Wednesday, 7 May 2025

**Language:** English

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