



# PHOTONICS LECTURE

MONDAY, 22 APRIL 2024 | 17:00

**PROF. DR. HUI HU**

LECTURE HALL 02

## LNOI: state-of-the-art, problems and applications

Lithium niobate on insulator (LNOI, or thin film lithium niobate, TFLN) combined with a silica cladding layer provides a high refractive index contrast, enabling the realization of ultra-small waveguides and facilitating the development of ultra-compact photonic integrated devices and circuits. This report discusses some recent progress in LNOI material.



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