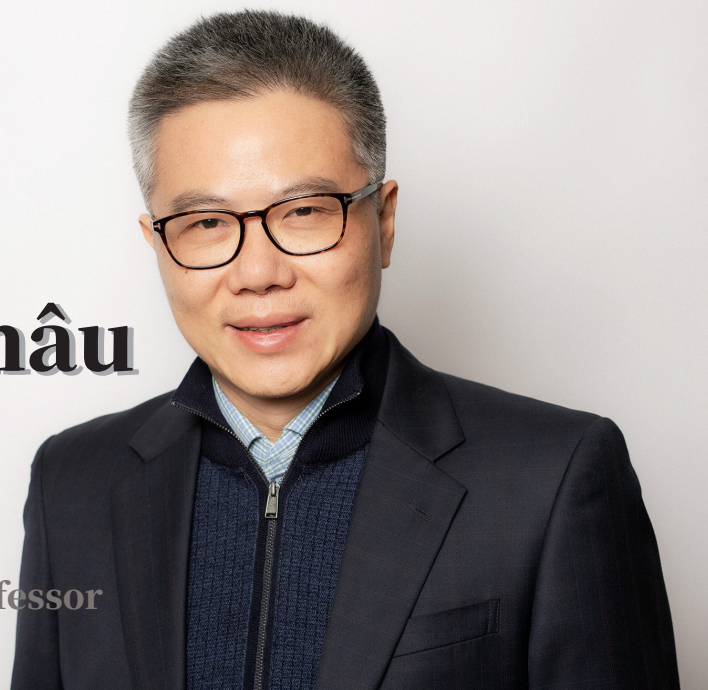




許振榮
Chen-Jung Hsu Lectures 2025
講座

Ngô Bảo Châu

Francis and Rose Yuen
Distinguished Service Professor
University of Chicago



- Time: 15:30 - 16:30, Wednesday - Friday, Dec. 17 - 19, 2025
- Venue: Room 202, 2F, Astronomy-Mathematics Building (NTU Campus)
天文數學館二樓202演講廳 (台大校區)

Lecture 1

On generalized Hitchin fibration and orbital integrals

The original Hitchin fibration is a formidable geometric tool to study orbital integrals in Lie algebras, in particular to prove the Langlands-Shelstad fundamental lemma for Lie algebras. In this lecture, I present generalized Hitchin fibrations to study other type of orbital integrals.

Lecture 2

On stable Bernstein centers and cocenters in relation to Langlands functoriality

We examine Langlands's functoriality and stable transfer from a new point of view via the stable center and cocenter. (joint work with Zhilin Luo)

Lecture 3

Character sheaves on loop Lie algebra

We propose a construction for character sheaves on loop Lie algebras, generalizing Lusztig's construction in the case of Lie algebras. (joint work with Zhiwei Yun)

Sponsors:



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