



Ngô Bảo Châu

Fields Medal 2010

The University of Chicago and
Vietnam Institute for Advanced Study in Mathematics

Professor Ngô Bảo Châu holds the Francis and Rose Yuen Distinguished Service Professorship at the University of Chicago. He also serves as the Scientific Director of the Vietnam Institute for Advanced Study in Mathematics.

He did his undergraduate study in École Normale Supérieure and completed his PhD at the Université Paris-Sud in 1997. He was a member of CNRS at Paris 13 University from 1998 to 2004. In 2004, he became a Professor at Paris-Sud 11 University and in the same year, received the title of Professor in Vietnam. In 2010, he was awarded the Fields Medal for “his proof of the Fundamental Lemma in the theory of automorphic forms through the introduction of new algebra-geometric methods”.

On the Braverman-Kazhdan program

Abstract

Back to 2000, Braverman and Kazhdan formulate a program aiming at generalizing the Godement-Jacquet construction of principal L-function. We will recall their program with more precision and some modest progress.

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January 2019
(Wednesday)
2.30 – 3.20pm

Seminar Room 1
Department of Mathematics
National University of Singapore
Block S17, Level 4
10, Lower Kent Ridge Road, Singapore 119076

Free Admission

On the Hitchin fibration for algebraic surfaces

Abstract

Hitchin construct an abelian fibration on the moduli space of Higgs bundles on an algebraic curves. We explore a possible generalization of this construction in higher dimensional case, in particular for Higgs bundles over algebraic surfaces.

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Auditorium
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National University of Singapore
3 Prince George's Park, Singapore 118402

