



YONSEI
Math-CSE Colloquium

Introduction to the weight part of Serre's conjecture

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The weight part of Serre's conjecture is considered as a first step towards mod- p Langlands program in which it is believed that one can attach mod- p smooth representations to mod- p Galois representations in a natural way.

In this talk, we introduce the weight part of Serre's conjecture, and its connection to mod- p Langlands program, Breuil--Mezard conjecture, and Emerton--Gee stacks.

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Sci Building #254

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