

第16回

- 講演者 : **Yu Yang** 氏(京都大学数理解析研究所)
 - 題目 : Galois theory of curves: arithmetic and geometry
 - 日時 : 平成29年11月28日 (火) 16:30 – 17:30

Galois theory, named after Évariste Galois, is a fundamental theory in algebra and number theory, which provides a connection between field theory and group theory. In the 1960s, A. Grothendieck developed a new formulation of Galois theory which provides a geometric way to study classical Galois theory and the fundamental group of algebraic topology in the setting of algebraic geometry. In this talk, I will explain Grothendieck's Galois theory and focus on the anabelian geometry of curves, which is a theory of arithmetic geometry proposed by Grothendieck in the 1980s, studying how much information of a space can be determined by its fundamental group. This talk will be given in Japanese.

この談話会は、東京理科大学総合研究院 現代代数学と異分野連携研究部門講演会と共催で行います。



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