

# 上智大学数学談話会のお知らせ

**日時：** 2015年5月22日（金曜）17:00-18:00

**場所：** 市ヶ谷本館201室

**講演者：** 安田 正大 氏 (大阪大学)

**講演題目：** Grids and the associated monoids

## **アブストラクト：**

In this talk, I will present some results in my joint work with Satoshi Kondo, in search of a common sheaf-theoretic framework of the theory of Galois representations and that of smooth representations of  $p$ -adic groups or finite adelic groups. To be more precise, I will give some axioms for a site from which one can show that the category of sheaves is equivalent to the category of sets with a smooth action of a certain locally pro-discrete monoid. Our framework has an advantage that it is adequately concrete and is convenient for actual computation.