

## 第05回

- 講演者 : **Gebhard Martin** 氏 (Technical University of Munich)
  - 題目 : Enriques surfaces with finite automorphism group in positive characteristic
  - 平成29年5月15日 (月) 16:30 – 17:30

Enriques surfaces with finite automorphism group over the complex numbers have been classified explicitly by S. Kondo (1985) and in terms of their root invariants by V.V. Nikulin (1984). There are seven types which can be distinguished by their configurations of smooth rational curves. Using an approach similar to that of S. Kondo, I will explain how to obtain the classification of Enriques surfaces with smooth K3 cover and finite automorphism group in positive characteristics. While the classification remains the same in characteristic at least 7, some subtleties occur in smaller characteristics.



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5 images

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