

第4回 大橋久範 氏

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 - 題目 : Finite groups of symplectic automorphisms of the supersingular $K3$ surface in characteristic p
 - 日時 : 2021年 7月 21日 (Wed) 16:30 ~ 17:30
 - 場所 : 講義棟 K403教室 (ハイブリッド開催)

[seminar](#), [2021](#), [show](#)

abstract

Finite groups of symplectic automorphisms of $K3$ surfaces were first studied by Nikulin (1980), classified by Mukai (1988) relating to the sporadic Mathieu groups in characteristic 0, and extended by Dolgachev-Keum (2009) to positive characteristic in (mainly) the tame case. Based on a joint work with Professor M. Schuett (Leibniz university of Hannover), we will give a partial extension/refinement of these results. In particular, we will obtain a full statement in the special case in the title.

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Last update: **2021/07/23 10:49**

