



## Institut für Mathematik

# Einladung zum Algebra-Seminar Halle-Jena

**Dienstag, 14. Mai 2019**

SR 3517, Ernst-Abbe-Platz 2, Etage 5

14:00-15:00 Uhr **Patrick Salfeld** (MLU Halle-Wittenberg),  
*Finite simple permutation groups acting with fixity 2 and their  
occurrence as groups of automorphisms of Riemann surfaces*

15:00-15:30 Uhr Kaffeepause

15:30-16:30 Uhr **Ruwen Hollenbach** (TU Kaiserslautern),  
*Basic sets for blocks of finite groups of Lie type*

16:45-17:45 Uhr **Michael Livesey** (FSU Jena),  
*Donovan's conjecture and related questions*

Abstract: Donovan's conjecture states that for a fixed  $p$ -group  $P$  there are only finitely many blocks (up to Morita equivalence) with defect group isomorphic to  $P$ . In this talk I will talk about recent progress made on this question (particularly for  $P$  abelian) and the related questions of classifying blocks with a given defect group and calculating Picard groups for blocks with a fixed defect group. This is joint work with Charles Eaton and Florian Eisele.

18:15 Uhr Abendessen im **Restaurant Versilia**  
(Wagnergasse 5, 07743 Jena; [www.versilia-jena.de](http://www.versilia-jena.de))

**Alle Interessenten sind herzlich eingeladen.**