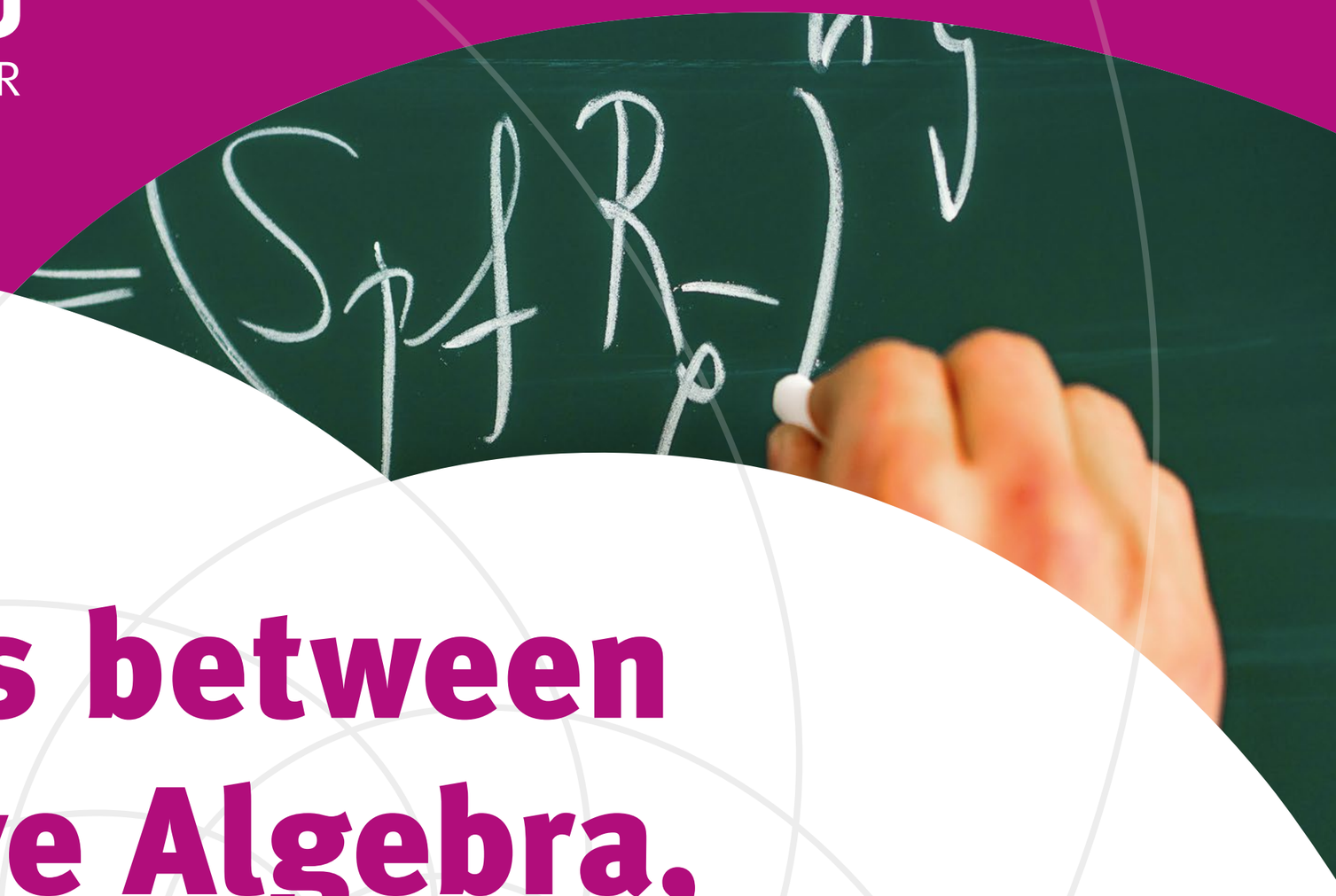
WWU
MÜNSTER



Interactions between Commutative Algebra, Representation Theory, and Algebraic Geometry

A conference in memoriam Ragnar-Olaf Buchweitz
March 19–23, 2019

Non-commutative algebraic geometry relates algebraic geometry and commutative algebra to representation theory and also combinatorics. One main tool are triangulated categories used to compare geometry and representation theory via equivalences of the derived categories. There are many new developments in singularity theory, representation theory and in the structure of triangulated categories motivated by and based on derived categories.

The conference is mainly aimed to the interaction between these fields.

Speakers

Luchezar Avramov
Winfried Bruns
Igor Burban
William Crawley-Boevey
Wolfgang Ebeling
Gert-Martin Greuel
Jürgen Herzog
Osamu Iyama
Bernhard Keller
Frank-Olaf Schreyer
Catharina Stroppel
Gordana Todorov
Michel Van den Bergh
Duco van Straten

Organizers

Eleonore Faber
Lutz Hille
Jörg Schürmann

uni-muenster.de/Arithm/en/hille/tagungen/Tagung2019.html

living.knowledge

MM
Mathematics
Münster
Cluster of Excellence