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Leibniz  
Universität  
Hannover

# Oberseminar zur Algebra und Algebraischen Kombinatorik

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## „Restrictions of Reflection Arrangements and Asphericity“

Suppose that  $G$  is a finite unitary reflection group acting on the complex vector space  $V$  and let  $A = A(G)$  be the associated reflection arrangement. It has been a long standing conjecture that in this case the complement of  $A$  in  $V$  is aspherical, with the last six open cases being settled by Bessis in 2015.

We will have a look at the situation for restrictions of reflection arrangements to elements of their intersection lattice. In particular, we will focus on the restrictions of the infinite family  $A(G(r, p, l))$ .

**Donnerstag, 01.06.2017**

**ab 14:15 Uhr, Raum a410**

Hauptgebäude der Leibniz Universität Hannover

Alle Interessierten sind herzlich eingeladen.

Institut für Algebra, Zahlentheorie  
und Diskrete Mathematik