



## SUMMER SCHOOL

# on Logic and Algorithms in Group Theory

**Organizers:** André Nies, Eamonn O'Brien, Katrin Tent

**Dates:** September 10-14, 2018

**Location:** HIM lecture hall, Poppelsdorfer Allee 45, Bonn

This school provides an introduction to some of the main topics of the trimester program. The lectures are mainly directed at PhD students and junior researchers.

### Program

The following speakers will each give a series of lectures which will be complemented by daily problem and discussion sessions.

- Maurice Chiodo (Cambridge) *Undecidability in groups*
- Gerhard Hiss (Aachen) *Representation theory for groups of Lie type*
- Derek Holt (Warwick) *Algorithms for finitely-presented groups*
- Dugald Macpherson (Leeds) *Pseudofinite groups*
- Andreas Thom (Dresden) *Stability and invariant random subgroups*



**Call for participation:** Financial support for PhD students and postdocs is available. Please send applications (including CV and a letter of recommendation) using the online application form at [www.him.uni-bonn.de/logic-algorithms-groups/summer-school/](http://www.him.uni-bonn.de/logic-algorithms-groups/summer-school/). The deadline for applications is: May 15, 2018