Workshop on Bianchi Modularity, Luxembourg, July 11 to 15, 2016

Scientific Committee: Nicolas Bergeron, Gebhard Boeckle, Paul Gunnells.

Chairman: Gabor Wiese

Speakers:

Sara Arias de Reyna (Universidad de Sevilla)

Tobias Berger (University of Sheffield)

Gebhard Böckle (Universitaet Heidelberg)

Lassina Dembélé (University of Warwick)

Luis Dieulefait (Universitat de Barcelona)

Herbert Gangl (Durham University)

Paul Gunnells (University of Massachusetts, Amherst) (to be confirmed)

Günter Harder (Hausdorff Center for Mathematics, Bonn)
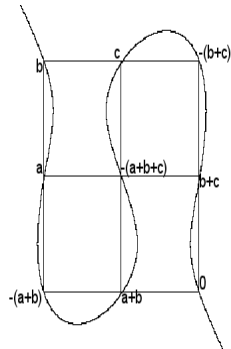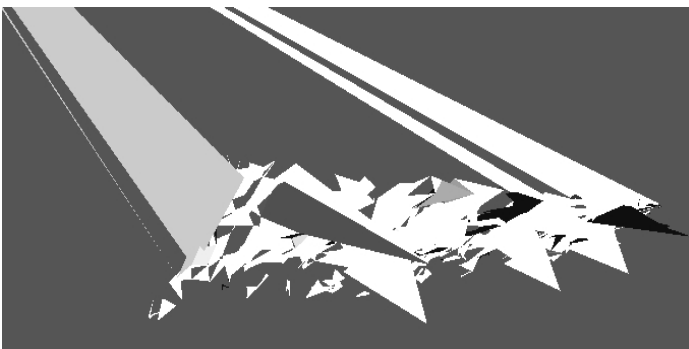
David Kohel (Université d'Aix-Marseille)

Ariel Pacetti (University of Warwick and Universidad de Buenos Aires)

Aurel Page (University of Warwick)

Jean Raimbault(Université Paul Sabatier, Toulouse)

Christopher Williams (University of Warwick)

Dan Yasaki (University of North Carolina, Greensboro)

By Bianchi modularity, we understand extensions from classical modularity over the rational field towards imaginary quadratic fields (respectively, from SL_2(Z) towards the Bianchi modular groups). As contributions to this, we consider studies of Bianchi modular forms, attached automorphic representations and attached Galois representations, as well as relevant cohomology and attachable Abelian varieties.

The workshop is funded by a research grant of Gabor Wiese, and limited funding remains available for participants. For questions, please contact the workshop organiser, Alexander D. Rahm, at Alexander.Rahm@uni.lu   *Further information:* http://math.uni.lu/~rahm/BianchiModularity/