

May 10-15, 2009
Centro Stefano Franscini, Monte Verità, Ascona
Switzerland



Leopoldina-Symposium in Algebraic and Arithmetic Algebraic Geometry

Organizers: Clemens Fuchs (ETH Zürich), Jürg Kramer (HU Berlin), Gisbert Wüstholz (ETH Zürich, Chair)

Scope: This international symposium aims at bringing together leading experts in the field of number theory, algebraic and arithmetic algebraic geometry. The objective is to outlay a state-of-the-art picture of this very active branch of mathematics, and to enhance research collaboration on outstanding problems.

The conference is organized by the International Research Training Group Arithmetic and Geometry Zurich-Berlin.

Sponsors: Berlin Mathematical School • Centro Stefano Franscini • Deutsche Akademie der Naturforscher Leopoldina • Deutsche Forschungsgemeinschaft • ETH Zurich • HU Berlin • Swiss National Science Foundation • U Zurich • Zurich Graduate School in Mathematics

Program: The symposium starts with a welcome-lecture by Y. Tschinkel (NYU) and consists of the following workshops:

- **The André-Oort Conjecture:** B. Edixhoven (Leiden), B. Klingler (Paris 7), G. Wüstholz (ETH Zürich), A. Yafaev (UCL)
- **Serre's Modularity Conjecture:** C. Khare (UCLA), K. Ribet (Berkeley), J.-P. Wintenberger (Strasbourg)
- **Periods:** H. Esnault (Duisburg-Essen), M. Kontsevich (IHES Paris), E. Viehweg (Duisburg-Essen)
- **Hyperbolic and Arithmetic Geometry:** V. Blomer (Toronto), H. Iwaniec (Rutgers), J. Jorgenson (CCNY), J. Kramer (HU Berlin)

There will be a poster session.

For further information see: <http://www.math.ethz.ch/leo09>