

# Leopoldina-Symposium in Algebraic and Arithmetic Algebraic Geometry

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

## **Organizers:**

Clemens Fuchs (ETH Zürich)

Jürg Kramer (HU Berlin)

Gisbert Wüstholtz (ETH Zürich, Chair)



This conference is organized by the International Research Training Group Arithmetic and Geometry Zurich-Berlin and is sponsored by Berlin Mathematical School, Centro Stefano Franscini, Deutsche Akademie der Naturforscher Leopoldina, DFG, Swiss National Science Foundation and the Zurich Graduate School in Mathematics.

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

**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. There will be a poster session.

**Program:**

*Sunday, May 10:*

16:00-19:00 Registration and check-in at CSF

20:00-21:00 ..... Y. Tschinkel (NYU)  
Anabelian geometry over algebraically closed fields

*Monday, May 11:*

**Workshop on Periods**

09:30-10:30 ..... M. Kontsevich (IHES Paris)

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16:15-17:15 ..... H. Esnault (Duisburg-Essen)

17:30-18:30 ..... E. Viehweg (Duisburg-Essen)

20:00-21:00 Contributed talks by young researchers

*Tuesday, May 12: Workshop on the André-Oort Conjecture*

09:30-10:30 ..... G. Wüstholz (ETH Zürich)

11:00-12:00 ..... B. Edixhoven (Leiden)

16:15-17:15 ..... A. Yafaev (UCL)

17:30-18:30 ..... B. Klingler (Paris 7)

20:00-21:00 Contributed talks by young researchers

*Wednesday, May 13:*

**Workshop on  
Serre's Modularity Conjecture**

09:30-10:30 ..... K. Ribet (Berkeley)

11:00-12:00 ..... K. Ribet (Berkeley)

16:15-17:15 ..... J.-P. Wintenberger (Strasbourg)

17:30-18:30 ..... C. Khare (UCLA)

20:00-21:00 TBA

*Thursday, May 14:*

**Workshop on  
Hyperbolic and Arithmetic Geometry, I**

09:30-10:30 ..... J. Kramer (HU Berlin)

11:00-12:00 ..... H. Iwaniec (Rutgers)

Afternoon TBA

*Friday, May 15:*

**Workshop on  
Hyperbolic and Arithmetic Geometry, II**

09:30-10:30 ..... J. Jorgenson (CCNY)

11:00-12:00 ..... V. Blomer (Toronto)

14:00 Departure

Daily: 12:15 Lunch, 15:30 Coffee, 18:45 Dinner