

May – August 2010



Trimester Program on **Geometry and Dynamics of Teichmüller Space**

Organizers: Alex Eskin, Ursula Hamenstädt, Maxim Kontsevich, Martin Möller, Jean-Christophe Yoccoz and Anton Zorich

Recent developments in the investigation of the geometry and dynamics of Teichmüller Spaces use input from the theory of Lie group actions, symbolic dynamics, algebraic and differential geometry. Our goal is to bring together researchers representing the different aspects of this area including a considerable number of young people.

We are planning two lecture series (six hours each) and two workshops (a focussed workshop on „Flows on moduli spaces“ May 3 – May 7, 2010 and a main workshop June 14 – June 18, 2010).

Senior participants include:

A. Avila (IMPA Rio; Paris)	C. McMullen (Harvard)
Y. Cheung (San Francisco)	M. Möller (MPI Bonn)
A. Eskin (Chicago)	K. Rafi (Chicago)
G. Forni (Maryland)	J. Smillie (Cornell)
U. Hamenstädt (Bonn)	K. Vogtmann (Cornell)
P. Hubert (Marseille)	B. Weiss (Ben Gurion)
M. Kontsevich (IHES)	J.-C. Yoccoz (College de France)
C. Leininger (Urbana-Champaign)	A. Zorich (Rennes)

Call for participation: The Hausdorff Research Institute offers visiting positions for the whole period of the trimester program (for senior scientists, Postdocs and PhDstudents). The deadline for application is October 31, 2009. Please send applications (including CV and, for Postdocs and PhD-students, a letter of recommendation) using our online application form (preferably) www.him.uni-bonn.de/teichmueller or by email to the director of HIM, Prof. Dr. Matthias Kreck (kreck@him.uni-bonn.de). In addition numerous fellowships for shorter periods are available.