Johannes Kepler Research Center Regensburg

a conference of the DFG Research Group 570 "Algebraic Cycles and L-Functions" Regensburg/Freiburg

CONFERENCE FOR YOUNG SCIENTISTS

Regensburg, 21. – 25. July 2008

Organizers: Annette Huber-Klawitter (Freiburg), Guido Kings (Regensburg)

	Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
9:15-10:00 Room: M 104	Matthias Wendt *Stabilization in Algebraic K-theory and Group Homology*	Francis Brown *Dedekind zeta motives for totally real fields*	Jakob Stix *On the period-index problem in light of the section conjecture*	Frederic Deglise *MGL-modules*	Tobias Schmidt *Rigid character varieties and p-adic representation theory*
10:00-10:30	Coffee break (Room: M 103)				
10:30-11:15 Room: M 104	Cristiana Bertolin *Homological interpretation of biextensions of complexes*	Thanasis Bouganis *L-values of elliptic curves and non-commutative Iwasawa theory*	Ulrich Terstiege *Intersections of arithmetic Hirzebruch-Zagier cycles*	Nikita Semenov *Motivic invariants of algebraic groups*	Robert Carls *A p-adic quasi-quadratic point counting algorithm*
11:30-12:15 Room: M 104	Gereon Quick *Profinite étale homotopy theory*	Jeanine Van Order *Heegner-Siegel units and dihedral reciprocity laws*	Huayi Chen *Positive degree and arithmetic bigness*	Agnes David *Homotheties in the image of Galois representations*	Jan Kohlhaase *Lubin-Tate and Drinfeld bundles*
12:15-15:00	Lunch time				
15:00-15:45 Room: M 104	Oliver Petras *Functional equations of polylogarithms in motivic cohomology*	Gergely Zabradi *Pairings and functional equations over the GL_2-extension*	Armin Holschbach 14:00-14.45 *A Chebotarev-like Density Theorem in Algebraic Geometry*	Jérôme Poineau *Geometric construction of Galois groups over extensions of Q*	
15:45-16:15	Coffee break (Room: M 103)				
16:15-17:00 Room: M 104	Manuel Breuning *Equivariant epsilon constants of Artin L-functions*	Tejaswi Navilarekallu *Galois action on the special values of L-functions*	Excursion: Altes Rathaus Regensburg *(beginning at 17:00)*	Hendrik Kasten *Algebraicity of critical values of Rankin-Selberg L-functions*	
17:15-18:00 Room: M 104	Jean Fasel *Chow-Witt groups: a survey of results and applications*	Philippe Lebacque *On asymptotic properties of global fields*	Conference dinner *(beginning at 19:00)*		

(Stand:17.07.2008)