

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