International Conference on Arakelov Geometry

Luminy

13 - 18 May 2002

Program

Sunday 12	
17h00 - 23h00	Arrival
19h30	Cold meal
Monday 13	
7h00 - 9h00	Breakfast
9h15	Opening
9h30 - 10h25	H. Gillet : Intersection theory on semi-stable schemes
	Coffee break
11h00 - 11h55	H. Randriambololona : Heights of subschemes
12h30	Lunch
15h30 - 16h25	J. Kramer : Abstract arithmetic Chow groups
16h30 - 17h25	D. Fulea : Higher arithmetic K-theory
	Coffee break
18h00 - 18h55	E. Ullmo : Examples of ergodic questions for correspondances
19h30	Diner
Tuesday 14	
7h00 - 9h00	Breakfast
9h30 - 10h25	J. Burgos : Arithmetic Chow groups of Shimura varieties
	Coffee break
11h00 - 11h55	Y. Takeda : Higher arithmetic K-theory

12h30	Lunch
15h30 - 16h25	K. Kuennemann : Hermitian vector bundles and extension groups on arithmetic varieties (joint work with J.-B. Bost)
16h30 - 17h25	X. Ma : Equivariant analytic torsion forms
	Coffee break
18h00 - 18h55	H. Tamvakis : Arakelov theory of even orthogonal Grassmannians
19h30	Diner
20h45 - 21h40	J.-M. Bismut : Holomorphic and de Rham torsion
Wednesday 15	
7h00 - 9h00	Breakfast
9h00 - 9h55	D. Roessler : Periods of CM motives (joint work with V. Maillot)
	Coffee break
10h30 - 11h25	R. Rumely : The Fekete-Szego Theorem with splitting conditions on curves
11h30 - 12h25	A. Werner : Arakelov geometry at the infinite places
12h30	Lunch
Afternoon	Free
19h30	Diner
Thursday 16	
7h00 - 9h00	Breakfast
9h30 - 10h25	J.-B. Bost : Positivity in Arakelov geometry and algebraization theorems
	Coffee break
11h00 - 11h55	A. Besser : p-adic Arakelov geometry
12h30	Lunch
15h30 - 16h25	U. Kuehn : Arithmetic intersection numbers on Hilbert modular surfaces
16h30 - 17h25	C. Gasbarri : On the representations of the fundamental group scheme of an arithmetic curve
	Coffee break

18h00 - 18h55	A. Chambert - Loir : Equidistribution des points de petite hauteur sur les variétés semi - abéliennes isotriviales
19h30	Bouillabaisse
Friday 17	
7h00 - 9h00	Breakfast
9h30 - 10h25	A. Moriwaki : The number of arithmetic cycles with bounded degree
	Coffee break
11h00 - 11h55	K. Koehler : A Hirzebruch proportionality principle in Arakelov geometry
12h30	Lunch
15h30 - 16h25	M. McQuillan : to be announced
16h30 - 17h25	J. Brunier : Automorphic Green's functions
	Coffee break
18h00 - 18h55	M. Sombra : Successive minima of projective toric varieties
19h30	Diner
Saturday 18	
7h00 - 9h00	Breakfast
9h00 - 9h55	S. Kawaguchi : Complex curves of genus 3, Kummer surfaces and Quillen metrics (joint work with Ken-Ichi Yoshikawa)
	Coffee break
10h30 - 11h25	W. Gubler : Local heigths of subvarieties
11h30 - 12h25	S. Marcello : Heights and iterates of automorphisms of affine spaces
12h30	Departure