Conference on Arithmetic Geometry

24-28 January 2011

Stellenbosch University, South Africa

Monday 24 January	
09h00	Welcome
09h30 - 10h30	Jing Yu: *Arithmetic Gamma values versus geometric Gamma values*
11h00 - 12h00	Lenny Taelman: *Cyclotomic function fields*
lunch	
14h30 - 15h30	Hans-Georg Rück: *T-Modules and Uniformization*
16h00 - 17h00	Patrik Hubschmid: *The André-Oort Conjecture for Drinfeld moduli spaces*

Tuesday 25 January	
09h00 - 10h00	Mihran Papikian: *On modular jacobians over function fields*
10h30 - 11h30	Werner Lütkebohmert: *Wild Quotient Singularities*
12h00 - 13h00	Ambrus Pal: *Rational points and homotopy theory*
lunch	
14h30 - 15h30	Yuji Tsuno: *torsors under finite flat group schemes*
16h00 - 17h00	Marco Garuti: *Galois theory for finite group scheme actions*

Wednesday 26 January : Symposium at AIMS	
08h30	Drive to AIMS, Cape Town
09h30 - 10h30	Yuri Bilu: *Complexity of algebraic numbers (after Adamczewski and Bugeaud)*
11h00 - 12h00	Alex Bamunoba: *Cyclotomic polynomials in the parallel worlds of number theory*
lunch	
Afternoon	Picnic lunch at Spier Wine Estate and Cheetah Outreach

Thursday 27 January	
09h00 - 10h00	Sinnou David: *Heights on abelian varieties*
10h30 - 11h30	Yuri Bilu: *Rational points on modular curves*
12h00 - 13h00	Gareth Boxall: *The Pila-Wilkie Theorem*
lunch	
14h30 - 15h30	Dirk Basson: *Automorphisms of power series rings*
16h00 - 17h00	Ken Hughes: *The ZETA-function,Random Matrices, JORDAN algebras, and the Oscillator Hypothesis*
19h00	Dinner at the *Cognito*

Friday open : possibility to visit Cape Point