Conference on Arithmetic Geometry

28 - 31 January 2013

Programme

Stellenbosch University, South Africa

Monday 28 January	
09h00	Welcome
09h30 - 10h30	Richard Pink: *Mixed and pure Galois representations associated to Drinfeld modules*
11h00 - 12h00	Ambrus Pal: *Crystalline Chebotarëv density theorems*
	lunch
14h30 - 15h30	Yohei Toda: *On the cyclotomic twisted torus and some torsors*
16h00 - 17h00	Gareth Boxall: *Rational values of certain analytic functions*

Tuesday 29 January	
09h00 - 10h00	Lenny Taelman: *Cohomology of the moduli space of curves of genus one*
10h30 - 11h30	Hans-Georg Rück: *Harmonic Cochaines for GL_3 over function fields*
12h00 - 13h00	Ralf Butenuth: *Quaternionic Drinfeld modular forms and harmonic cocycles*
	lunch
14h30 - 15h30	Aleks Petrov: *On A-expansions of vectorial Drinfeld modular forms*
16h00 - 17h00	Yuri Bilu: *Finding integral points on modular curves*

Wednesday 30 January	
10h30 - 11h30	Doug Ulmer: *Mordell-Weil groups and Artin-Schreier extensions*
12h00 - 21h00	Outing to the Cape Town Waterfront, visit to Robben Island

Thursday 31 January	
09h00 - 10h00	Sinnou David: *On points of small height*
10h30 - 11h30	Nicolas Ratazzi: *Horizontal isogeny theorem and radical caracterisation for abelian varieties of GSp type*
11h30 - 11h45	Group photograph
12h00 - 13h00	Fabien Pazuki: *Local components for the Faltings height*
	lunch
14h30 - 15h30	Patrick Rabarison: *Elliptic fibrations on algebraic K3 surfaces and self correspondance*
15h45 - 16h30	Alex Bamunoba: *Analogue of Pseudo and Wieferich primes over $\mathbb{F}_r[T]$.*
16h45 - 17h30	Discussion of fun Mathematics
19h00	Dinner at *De Oewer*

Friday 1 February open