

GRK 1800: research stays / lectures of visiting researchers 2016

Guest name	Affiliation	Period of time	Date of lecture	Title of lecture
Danylo Radchenko	MPI Bonn	04.-05.01.2016	05.01.2016	Higher cross-ratios and functional equations for polylogarithms
Jan Hendrik Bruinier	TU Darmstadt	18.-20.01.2016	19.01.2016	Classes of Heegner divisors in generalized Jacobians
Amir Dzambic	Universität Kiel	25.-27.01.2016	26.01.2016	The cohomology of the smallest Hurwitz ball quotient
Marie-France Vigneras	U Paris 7	11.-14.05.2016	12.05.2016	Representations modulo p
Elisabetta Colombo	U Milano	11.-14.05.2016	12.05.2016	On the second fundamental form of the Torelli map and applications to totally geodesic subvarieties of A_g in the Torelli locus and to complex projective structures
Sujatha Ramdorai	U British Columbia, Vancouver	11.-14.05.2016	12.05.2016	Birational motives and birational geometry
Alessandra Sarti	U Poitiers	11.-14.05.2016	12.05.2016	A relation between the moduli space of some irreducible holomorphic symplectic fourfolds and the moduli space of cubic threefolds
Ana-Maria Castravet	U Northeastern, Boston	11.-14.05.2016	12.05.2016	Moduli spaces of pointed stable rational curves
Eva Viehmann	TU München	11.-13.05.2016	13.05.2016	Geometry of Newton strata
Margarida Melo	U Roma 3 / U Coimbra	12.-15.05.2016	13.05.2016	Universal compactified Jacobians and applications
Masha Vlasenko	U Warsaw	11.-15.05.2016	13.05.2016	Higher Hasse-Witt matrices
Katrin Wendland	U Freiburg	11.-14.05.2016	13.05.2016	Moduli and modular forms in conformal field theory

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Yara Elias	MPI Bonn	11.-14.05.2016	14.05.2016	Kolyvagin's method of Euler systems applied to modular forms twisted by algebraic Hecke characters
Sandra die Rocco	KTH Stockholm	11.-14.05.2015	14.05.2016	Higher order Gauss maps
Ingrid Bauer	U Bayreuth	12.-14.05.2016	14.05.2016	Line configurations and new rigid surfaces
Anton Mellit	SISSA / ICTP	16.-18.05.2016	17.05.2015	Mixed Hodge Structures of character varieties
Stephen Kudla	U Toronto	25.05.-08.06.	06.06.2016	Modularity of generating series for special divisors on arithmetic ball quotients I
Emmanuel Ullmo	IHES Paris	05.-08.06.2016	06.06.2016	Flows on abelian varieties and Shimura varieties
Jan Hendrik Bruinier	TU Darmstadt	06.-09.2016	06.06.2016	Modularity of generating series for special divisors on arithmetic ball quotients II
Stefan Müller-Stach	U Mainz	05.-09.06.2016	06.06.2016	Arakelov inequalities for special subvarieties in Mumford-Tate varieties
Jay Jorgenson	CCNY	03.-07.06.2016	07.06.2016	Dedekind sums associated to higher order Eisenstein series
Shou-Wu Zhang	Princeton U	04.-09.06.2016	07.06.2016	Congruent number problem and BSD conjecture
Özlem Imamoglu	ETH Zürich	05.-10.06.2016	07.06.2016	Another look at the Kronecker limit formulas
Philippe Michel	EPF Lausanne	03.-09.06.2016	07.06.2016	Moments of L-functions and exponential sums
Christophe Soulé	IHÉS Paris	05.-09.06.2016	07.06.2016	Asymptotic semi-stability of lattices of sections

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G�rard Freixas i Montplet	CNRS Paris	05.-11.06.2016	08.06.2016	Generalizations of the arithmetic Riemann-Roch formula
Gerd Faltings	MPI Bonn	07.-09.06.2016	08.06.2016	Arakelov theory on degenerating curves
Henri Gillet	U of I Chicago	04.-11.06.2016	08.06.2016	The fiber of a cycle class map
Jos� Burgos Gil	ICMAT Madrid	03.-10.06.2016	08.06.2016	The singularities of the invariant metric of the Poincar� bundle
Jean-Benoit Bost	U Paris-Sud	05.-10.2016	08.06.2016	Theta series, euclidean lattices, and Arakelov geometry
Bas Edixhoven	U Leiden	05.-09.06.2016	09.06.2016	Gauss composition on primitive integral points on spheres, partly following Gunawan
Walter Gubler	U Regensburg	05.-09.06.2016	09.06.2016	On the pointwise convergence of semipositive model metrics
Gerard van der Geer	U Amsterdam	05.-10.06.2016	09.06.2016	Modular forms of low genus
Riccardo Salvati Manni	U Roma 1	05.-10.06.2016	09.06.2016	On the 2-torsion points of the theta divisor
Fabian V�lz	TU Darmstadt	20.-22.06.2016	21.06.2016	Elliptic and hyperbolic Eisenstein series as theta lifts
Martin Westerholt-Raum	U G�teborg	12.-14.07.2016	12.07.2016	Automorphic constituents of tensor products of Harish-Chandra modules
Daniel Huybrechts	U Bonn	28.08.-02.09.	29.-30.08.	K3 categories: geometric and arithmetic aspects I-IV
John Christian Ottem	U Oslo	28.08.-02.09.	29.08.-02.09.	Positivity in higher codimension I-IV
Johannes Nicaise	Imperial College London	28.08.-02.09.	29.-01.09.	Berkovich spaces and birational geometry I-IV
Toshiyuki Katsura	U Hosei	28.08.-02.09.	31.08.2016	Enriques surfaces in characteristic 2

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Benjamin Bakker	U Georgia	09.-23.09.2016		
Erik Visse	U Leiden		08.11.2016	A heuristic for a Manin-type conjecture for K3 surfaces
Bernard Le Stum	U Rennes	20.-22.11.2016	21.11.2016	Rigid Cohomology and Adic spaces
Bruno Chiarellotto	U Padova	20.-22.11.2016	21.11.2016	Criteria for the shape of the reduction for semistable varieties
Remke Kloosterman	U Padova	21.-23.11.2016	22.11.2016	Monomial deformations of Delzante Hypersurfaces and Arithmetic Mirror Symmetry
Anna von Pippich	TU Darmstadt	25.11.-16.12.	29.11.2016	A Rohrlich-type formula for the hyperbolic 3-space
Ania Otwinowska	U Paris-Sud	05.-07.12.2016	06.12.2106	Around standard conjectures for algebraic cycles