			Lundi/Monday		
Local/room	VCH-2830	VCH-2840	VCH-2850	VCH-2860	VCH-2880
9h15-9h25			**Bienvenue/Welcome**		
9h25-10h25			**Andrew Granville (Montréal)** Recent developments of the "pretentious approach" to analytic number theory		
10h35-11h05			**Michel Waldschmidt (Jussieu)** Generalization of the Landau-Ramanujan constant for sums of two squares to other binary forms	**Vinayak Vatsal (UBC)** Uniqueness of theta series	
11h05-11h30			Pause café/coffee break		
11h30-11h50	**Madeline Dawsey (Emory)** A New Formula for Chebotarev Densities	**Anup Dixit (Toronto)** The Lindelof class of L-functions	**Matilde Lalin (Montréal)** The mean value of cubic L-functions over function fields	**Bo-Hae Im (KAIST)** The rank growth of the Jacobians over certain finite Galois extensions	**Evan Dummit (Arizona State)** Signatures of Circular Units in Cyclotomic Fields
12h00-12h30			**David Zywina (Cornell)** Computing l-adic monodromy groups	**Steven Miller (Williams College)** From the Manhattan Project to Elliptic Curves	
12h30-13h50			Dîner/Lunch		
13h50-14h50			**Melanie Wood (Wisconsin-Madison)** Effective Chebotarev density theorems for families of number fields without GRH		
15h00-15h30			**Robert Lemke Oliver (Tufts)** Counting finite towers of number fields	**Dimitris Koukoulopoulos (Montréal)** Is a random polynomial irreducible?	
15h30-15h50			Pause café/coffee break		
15h50-16h10	**Kirsti Biggs (Bristol)** Efficient congruencing in ellipsephic sets	**Ian Wagner (Emory)** Harmonic Hecke eigenlines and Mazur's problem	**Hershy Kisilevsky (Concordia)** The Non-Square Part of Analytic Sha	**Siddhi Pathak (Queens)** Non-vanishing of special values of L-series attached to Erdős functions	**Nathan Grieve (Michigan State)** Around the Riemann-Roch Theorem for Abelian varieties
16h20-17h20			**Bjorn Poonen (MIT)** Heuristics for the arithmetic of elliptic curves		

Local/room	VCH-2830	VCH-2840	VCH-2850	VCH-2860	VCH-2880
			Mardi/Tuesday		
8h30-9h30			**Ken Ono (Emory)** Polya's Program for the Riemann Hypothesis and Related Problems		
9h40-10h10			**Youness Lamzouri (York)** On the distribution of the maximum of exponential and Kloosterman sums	**Vladimir Dokchitser (KCL)** Parity of the Mordell-Weil rank of an abelian surface	
10h20-10h40	**Yuan Liu (Wisconsin)** The realizability problem with inertia conditions	**Asif Zaman (Stanford)** Mass equidistribution on average	**Margit Pap (Pecs)** Ramanujan-Fourier expansions of arithmetic functions of one and several variablesy	**Arpita Kar (Queens)** On the distribution of prime factors of Ramanujan Tau function	**Chad Davis (UBC)** On the Distributions of Tau-Congruent Numbers
10h40-11h00			Pause café/coffee break		
11h00-11h20	**Luca Ghidelli (Ottawa)** Arbitrary long gaps in the values of positive-definite diagonal cubic and biquadratic forms	**Ayla Gafni (Rochester)** Extremal primes of elliptic curves	**Siegfred Baluyot (Illinois)** On the density of zeros of the Riemann zeta-function near the critical line	**Lucile Devin (Ottawa)** Chebyshev's bias for products of irreducible polynomials	**Julie Desjardins (Toronto)** Variation of the root number in families of elliptic curves
11h30-11h50	**Wujie Shi (Chongqing)** Groups and Numbers - Some Unsolved Diophantine Equations	**Neha Prabhu (Queens)** Extremal primes and error terms in the Sato-Tate conjecture for elliptic curves	**Wanlin Li (Wisconsin)** Vanishing of Hyperelliptic L-functions at the Central Point	**Nourreddine Daili (Setif)** Logarithmic densities of subsets and arithmetic function	**John Saunders (Waterloo)** Sieve Methods in Random Graph Theory
12h00-12h20	**David Tweedle (U. West Indies)** A prime analogue of the Erdos-Kac Theorem for Drinfeld modules	**Zafer Selcuk Aygin (Nanyang)** Eisenstein Series and Convolution Sums	**Mattia Righetti (Montréal)** Zeros of Hurwitz-Lerch zeta functions	**François Laniel (Laval)** On the proximity of multiplicative functions to the number of distinct prime factors function	**Stanley Yao Xiao (Oxford)** On binary quartic forms with vanishing J-invariant
12h20-13h40			Dîner/Lunch		
13h40-14h10			**Tom Fisher (Cambridge)** Computing the Cassels-Tate pairing	**Damaris Schindler (Utrecht)** Diophantine inequalities for ternary diagonal forms	
14h20-14h40	**Peng-Jie Wong (Lethbridge)** Small groups, near nilpotency, and a theorem of Arthur-Clozel	**Hanane Zerdoum (Paris 8)** On the Harborth constant of C3 ⊕C3n	**Melissa Emory (Missouri)** On the global Gan-Gross-Prasad conjecture for general spin groups	**Joni Teräväinen (Turku)** Correlations of multiplicative functions	**François Séguin (Queens)** Prime divisors of sparse values of cyclotomic polynomials
14h50-15h10	**Shin-ya Koyama (Toyo)** Euler products in the critical strip for Selberg zeta functions	**Dmitry Gayfulin (IITP RAS)** The Markoff and Lagrange spectra	**Scott Kirila (Rochester)** Discrete moments of the derivative of the Riemann zeta-function	**Amir Akbary (Lethbridge)** Small values of Euler's function on products of primes in progressions	**Jonas Jankauskas (Vilniaus)** Characterization of rational matrices that admit finite digit representations
15h30			Bus -> centre de congrès de Québec		
16h15-17h30			**Maksym Radziwill (McGill)** Recent progress in multiplicative number theory (Conférence Prix Ribenboim, centre de congrès de Québec)		

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			Mercredi/Wednesday		
8h30-9h30			**Damien Roy (Ottawa)** Parametric geometry of numbers		
9h40-10h10			**Arul Shankar (Toronto)** Heuristics for counting number fields	**Laurent Berger (Lyon)** Iterated extensions and p-adic dynamical systems	
10h20-10h40	**Ayse Alaca (Carleton)** Representations by quaternary quadratic forms	**Ho Yun Jung (Sungkyunkwan)** On some extension of Gauss' work and applications	**Yves Martin (Chile)** A particular collection of Fourier coefficients which determines Siegel cusp forms	**Patrick Letendre (Laval)** The number of integer points close to a polynomial	**Laszlo Toth (Pecs)** On multivariable averages of divisor functions
10h40-11h00			Pause café/coffee break		
11h00-11h20	**Liangyi Zhao (UNSW)** Elliptic Curves in Isogeny Classes	**Igor Wigman (KCL)** Points on nodal lines with given direction	**Jeffrey Hatley (Union College)** Torsion subgroups of rational elliptic curves over infinite extensions	**Anders Södergren (Chalmers)** Mean value formulas over the space of lattices	**Alain Togbe (Purdue Northwest)** Repdigits as sums of members of another sequence
11h30-11h50	**Patrick Meisner (Tel Aviv)** Erdős' Multiplication Problem for Function Fields and Permutation Groups	**Tim Trudgian (UNSW Canberra)** Brun bounded better!	**Lea Beneish (Emory)** Quasimodular Mathieu Moonshine	**Amita Malik (Rutgers)** Zeros of combinations of derivatives of Riemann-Xi function on the critical line	**Paul Voutier (London)** Sharp bounds on the number of solutions of $X^2 - (a^2 + p^{2m})Y4 = -p^{2m}$
12h00-12h20	**Gautier Ponsinet (Laval)** On the Mordell-Weil rank of supersingular abelian varieties in cyclotomic extensions	**Islem Ghaffor (Oran)** Counting Twin Primes	**Ha Tran (Calgary)** Reduced ideals from the reduction algorithm	**Giovanni Coppola (Napoli Federico II)** Shift Ramanujan expansions	**Nathan McNew (Towson)** Primitive and geometric-progression-free sets without large gaps
12h30			Photo de groupe/group photo		

Jeudi/Thursday				
Local/room	**VCH-2830**	**VCH-2840**	**VCH-2850**	**VCH-2860**	**VCH-2880**

Local/room	VCH-2830	VCH-2840	VCH-2850	VCH-2860	VCH-2880
8h30-9h30			**Joseph Oesterlé (Paris VI)** Multiple zeta values and multiple Apéry-like sums (after P. Akhilesh)		
9h40-10h10			**Holly Krieger (Cambridge)** A dynamical approach to common torsion points	**Stefano Vigni (Genova)** On Kolyvagin's conjecture and the Bloch-Kato formula for modular forms	
10h20-10h40	**Lasse Grimmelt (Utrecht)** Vinogradov's Theorem with Fouvry-Iwaniec Primes	**Maciej Zakarczemny (Cracow)** On some cancelation algorithms	**Boualem Benseba (USTHB)** Galois group of trinomials	**Karl Dilcher (Dalhousie)** Some properties of multiple Tornheim zeta functions	**Mikhail Gabdullin (Lomonosov Moscow State)** On stochasticity parameter of quadratic residues
10h40-11h00	Pause café/coffee break				
11h00-11h20	**Stefano Marseglia (Stockholms)** Isomorphism classes of Abelian varieties over finite fields	**Kam Hung Yau (UNSW)** Improvements on Linear multiplicative characters sums	**Jesse Thorner (Stanford)** Weak subconvexity without a Ramanujan hypothesis	**Christopher Marks (California State Chico)** Periods of modular curves and vector-valued modular forms	**Kevin McGown (California State Chico)** Norm-Euclidean ideal classes in Galois cubic fields
11h30-11h50	**Zhizhong Huang (Grenoble)** Local asymptotic distribution of rational points	**Lee Troupe (UBC)** Distributions of polynomials of additive functions	**Adam Logan (Gov. of Canada)** Automorphism groups of K3 surfaces over nonclosed fields	**Darrin Doud (Brigham Young)** Even Galois representations and the cohomology of GL(2,Z)	**Lara Thomas (Besançon)** Prym Varieties of low p-rank
12h00-12h30			**Alex Bartel (Glasgow)** The Cohen–Lenstra–Martinet heuristics on class groups of "random" number fields	**Sary Drappeau (Aix-Marseille)** Combinatorial identities and Titchmarsh's problem for multiplicative functions	
12h30-13h50	Dîner/Lunch				
13h50-14h10	**Antonela Trbović (Zagreb)** Torsion subgroups of elliptic curves over quadratic fields Q(sqrt{d}), 0 < d < 100	**Greg Martin (UBC)** The least invariant factor of the multiplicative group	**Debanjana Kundu (Toronto)** Iwasawa Theory and an Analogue of the μ = 0 Conjecture	**Marc Munsch (TU Graz)** Large values of L- functions in the critical strip	**Thomas Morrill (UNSW Canberra)** Improving the t-free Results on Robin's Inequality
14h20-14h40	**Jiuya Wang (Wisconsin)** Malle's conjecture for compositum of number fields	**Nicole Sutherland (Sydney)** Efficient Computation of Maximal Orders of Cyclic Extensions of Global Function Fields	**Hanson Smith (Colorado)** Ramification in the Division Fields of Supersingular Elliptic Curves and Sporadic Points on Modular Curves	**John Enns (Toronto)** Local-global compatibility in the mod p Langlands program	**Jerome Dimabayao (U. Philippines)** On the cohomological coprimality of Galois representations
14h50-15h20			**Siddarth Sankaran (Manitoba)** Green forms for special cycles	**Florian Luca (Witwatersrand)** Variations on the largest prime factor of Fibonacci numbers	
15h20-15h40	Pause café/coffee break				
15h40-16h00	**Andrew Fiori (Lethbridge)** Arthur packets for p-adic groups through vanishing cycles and perverse sheaves	**Arthur Baragar (Nevada Las Vegas)** Apollonian packings in higher dimensions	**Natalia Garcia-Fritz (U. Catolica Chile)** Ranks of elliptic curves and arithmetic progressions of rational points	**Mingzhi Zhang (Sichuan Union)** Polynomial sieve and its application to Bateman-Horn conjecture and Goldbach conjecture	**Bir Kafle (Purdue Northwest)** On x-coordinates of Pell equations which are in some interesting sequences
16h10-17h10			**Dinesh Thakur (Rochester)** Zeta, Multizeta and emerging related structures in function field arithmetic		
19h30-20h30	**Jean-Marie De Koninck (Laval)** La vie secrète des mathématiques (Conférence grand public, VCH-2850)				

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			Vendredi/Friday		
8h30-9h30			**Jared Weinstein (Boston U.)** New developments in p-adic geometry		
9h40-10h10			**Pierre Charollois (Jussieu)** Felder-Varchenko modular forms and applications to cubic fields	**Yiannis Petridis (UCL)** Arithmetic Statistics of modular symbols	
10h20-10h40	**Fabien Pazuki (Copenhagen)** Regulators of elliptic curves	**Ade Irma Suriajaya (Riken)** Values of the Riemann zeta function on vertical arithmetic progressions in the critical strip	**Jonathan Sands (Vermont)** Numerical Evidence for Higher-Order Stark-type conjectures I: The theory	**Nadav Yesha (KCL)** CLT for small scale mass distribution of toral Laplace eigenfunctions	**Michael Chou (Tufts)** Torsion of rational elliptic curves over the maximal abelian extension of Q
10h40-11h00			Pause café/coffee break		
11h00-11h20		**Johannes Schleischitz (Ottawa)** Diophantine approximation in Cantor set	**Daniel Vallieres (Calif. State Chico)** Numerical evidence for higher-order Stark-type conjectures II: The numerical calculations	**Oguz Gezmis (Texas A&M)** De Rham isomorphism for Drinfeld modules over Tate algebras	**Kalyan Chakraborty (Harish-Chandra)** Pell-type equations and class groups of cyclotomic fields
11h30-11h50		**Peter Cho-Ho Lam (Simon Fraser)** Simultaneous Prime Values of Two Binary Forms	**Simon Macourt (UNSW)** Incidence Results and Bounds on Exponential Sums	**Allysa Lumley (York)** Complex moments and the distribution of values of $L(1,\chi D)$ over function fields with applications to class numbers	**Harry Smit (Utrecht)** Using L-functions to reconstruct global fields
12h00-12h30			**Huayi Chen (Paris 7)** Comparison between slopes and minima	**Jaclyn Lang (Max Planck)** Images of GL2-type Galois representations	
12h30-13h50			Dîner/Lunch		
13h50-14h20			**Will Sawin (Columbia/Clay)** L-functions of Dirichlet character twists over function fields	**Fabrizio Andreatta (Milan)** Nearly overconvorgent forms and p-adic L functions	
14h30-15h30			**Henri Darmon (McGill)** The j function, the golden ratio, and p-adic meromorphic cocycles		
15h30-15h35			**Au revoir/fairwell**		