Sunday, July 12

3:00 - 7:00 *Registration and on-campus accommodation check-in*
Case Center Visitors Desk, Skidmore College

6:00 - 9:00 *Informal gathering*
Gaffney's Restaurant Garden, downtown Saratoga Springs

Monday, July 13

9:00 *Registration and Coffee, Gannett Lobby*

10:00 *Welcome and Announcements*

10:15 **Gary L. Mullen** **(The Pennsylvania State University, USA)** (Davis Auditorium)
"Some Open Problems Arising from my Recent Finite Field Research"

11:30 *Lunch*

1:00 - 3:00 **Contributed Talks**

3:00 - 3:30 *Coffee Break*

3:30 - 5:10 **Contributed Talks**

6:00 - 8:00 *Reception* on **Porter Plaza**

Tuesday, July 14

8:15 - 9:00	*Coffee*	
9:00	**Gohar M. Kyureghyan (Magdeburg, Germany)** "Special Monomial Maps: Examples, Classification, Open Problems"	(Davis Auditorium)
10:00 - 10:20	*Coffee Break*	
10:20	**Michel Lavrauw (Università di Padova, Italy)** "Scattered spaces in Galois geometry"	(Davis Auditorium)
11:30	*Lunch*	
11:45 - 12:45	*FFA Editorial Board Meeting (for editors of FFA only)*	
1:00 - 3:00	**Contributed Talks**	
3:00 - 3:30	*Coffee Break*	
3:30 - 5:10	**Contributed Talks**	
7:00	*Bus to NYC Ballet at Saratoga Performing Arts Center*	

Wednesday, July 15

8:15 - 9:00	*Coffee*	
9:00	**Michael Zieve (University of Michigan, USA)** "Value sets of rational functions"	(Davis Auditorium)
10:00 - 10:20	*Coffee Break*	
10:20	**Kirsten Eisenträger (The Pennsylvania State University, USA)** "Constructing genus 2 curves over finite fields"	(Davis Auditorium)
11:30	*Lunch*	
1:30	*Bus to Lake George excursion*	

Thursday, July 16

8:15 - 9:00	*Coffee*	
9:00	**Antoine Joux (Paris, France)** "A simplified setting for discrete logarithms in small characteristic finite fields"	(Davis Auditorium)
10:00 - 10:20	*Coffee Break*	
10:20	**Renate Scheidler (University of Calgary, Canada)** "Hyperelliptic Curve Arithmetic"	(Davis Auditorium)
11:30	*Lunch*	
1:00 - 3:00	**Contributed Talks**	
3:00 - 3:30	*Coffee Break*	
3:30 - 4:40	**Contributed Talks**	
6:00	*Bus to conference dinner at Prime Restaurant*	

Friday, July 17

8:15 - 9:00	*Coffee*	
09:00 - 10:10	**Contributed Talks**	
10:10 - 10:30	*Coffee Break*	
10:30 - 10:40	*Announcments and Farewell*	
10:40	**Gary McGuire (University College Dublin, Ireland)** "L-Polynomials of Curves over Finite Fields"	(Davis Auditorium)

Contributed Talks on Monday, July 13

Time	Section I Davis Auditorium	Section II Palamountain 202	Section III Dana 240
1:00	**F. Lazebnik** **1** Connectivity of some algebraically defined digraphs	**F. Manganiello** **2** On communication over networks via skew polynomials	**L. Quoos** **3** Weierstrass semigroups and Kummer extensions
1:25	**Y. Simsek** **4** On generating functions for special numbers and polynomials and their applications	**K.-U. Schmidt** **5** Hermitian and symmetric rank distance codes	**T. Kim** **6** Pseudo-Randomness of Elliptic Curve Encoding Functions
1:50	**I.H. Morgan** **7** Critical sets in generalizations of latin squares and Sudoku puzzles	**S.E. Anderson** **8** Stopping sets of Hermitian codes	**N. Arakelian** **9** A characterization of the Artin-Mumford curve
2:15	**A. Pott** **10** Cayley graphs with diameter 2 from difference sets	**C. Carvalho** **11** On Reed-Muller type codes defined over a rational normal scroll	**J.-D. Bauch** **12** Montes Algorithm In Global Function Fields
2:40	**J.R. Schmitt** **13** Warning's Second Theorem with Restricted Variables	**H. Tapia-Recillas** **14** Constacyclic codes over a class of finite local non-chain Frobenius ring	**G. Zini** **15** Maximal curves from subcovers of the GK-curve
3:00	*Coffee Break*		
3:30	**R. Coulter** **16** Coordinatising projective planes using finite fields	**L. Işık** **17** On Complete Mappings of Finite Fields	**S. Molina** **18** On the Existence of Semi-regular Sequences
3:55	**Ch. Castillo** **19** Using Permutation Polynomials to Coordinatize Finite Projective Planes	**Ö.Küçüksakallı** **20** Value sets of Lattès maps over finite fields	**G. Millar** **21** Character Values of the Sidelnikov-Lempel-Cohn-Eastman Sequences
4:20	**K. Abdukhalikov** **22** Equivalence of mutually unbiased bases	**S. Mesnager** **23** Dickson polynomials that are involutions	**W. Liu** **24** AFSRs Synthesis with the Euclidean Algorithm
4:45	**Sara Rottey** **25** Unitals with many Baer secants through a fixed point	**Q. Wang** **26** On coefficients of powers of polynomials and their compositions	**S. Lundqvist** **27** Boolean ideals and their varieties

Contributed Talks on Tuesday, July 14

Time	Section I Davis Auditorium	Section II Palamountain 202	Section III Dana 240
1:00	**S. Rajola** **28** New examples of maximal partial line spreads in $PG(3, q)$, q even	**A. Diene** **29** A Polynomial Type Oil-Vinegar Signature	**P. Balıkçıoğlu** **30** Randomness Properties of Some Vector Sequences Generated by Multivariate Polynomial Iterations
1:25	**I.F. Rúa** **31** Primitivity of Four-Dimensional Finite Semifields	**J. Roué** **32** On the Differential Probability of Substitution-Permutation Networks	**F. Göloğlu** **33** Almost perfect nonlinear functions which are not equivalent to permutations
1:50	**J. Davis** **34** Near complete external difference sets	**N. Lee** **35** Secret sharing schemes based on additive codes	**S. Mesnager** **36** Bent functions from maximal partial spreads
2:15	**B. Csajbók** **37** On scattered linear sets of pseudoregulus type in $\mathrm{PG}(1, q^t)$	**F.M. Lev** **38** Why Is Finite Mathematics The Most Fundamental?	**F.N. Castro** **39** On a Generalization of Cusick-Li-Stănică's Conjecture about Balanced Elementary Symmetric Boolean Functions to Finite Fields of Odd Characteristic
2:40	**M. Rodgers** **40** An Infinite Family of Tight Sets in $\mathcal{Q}^+(5, q)$	**M. Snook** **41** Authenticated Key Exchange from Ring Learning with Errors	**C. Carlet** **42** More $\mathcal{PS}$ and $\mathcal{H}$-like bent functions
3:00	*Coffee Break*		
3:30	**E. Mazumdar** **43** Polynomial method and a zero-sum problem	**J. Gomez-Calderon** **44** Cyclotomic polynomials of the second kind part 2	**D. Panario** **45** On the Heuristic of Approximating Polynomials over Finite Fields by Random Mappings
3:55	**St. Senger** **46** Upper bounds on pairs of dot products in vector spaces over finite fields	**L. Liu** **47** Character Sums and Generating Sets	**Ch. Umans** **48** Algebraic Problems Equivalent to Beating Exponent 3/2 for Polynomial Factorization over Finite Fields
4:20	**S.Sriwongsa** **49** Orthogonal graphs over finite commutative rings of odd characteristic	**M. Munsch** **50** Character sums and congruences equations	**A.K.Narayanan** **51** Polynomial Factorization and Euler-Poincare Characteristics of Drinfeld Modules
4:45	**I. T'rattisai** **52** The digraphs of the kth power mapping over some finite commutative rings	**K.A. Ward** **53** The Structure of Holomorphic Differentials	**T. Hodges** **54** The operational degree of Gröbner basis algorithms for systems of equations over finite fields

Contributed Talks on Thursday, July 16

Time	Section I Davis Auditorium	Section II Palamountain 202	Section III Dana 240
1:00	**D. Droz** **55** Complete and Nearly-Complete Sets of Class-r Hypercubes	**Y. Tan** **56** On the Existence of Aperiodic Complementary Hexagonal Lattice Arrays	**A. Knecht** **57** Full Degree Two Del Pezzo Surfaces
1:25	**D. Capodilupo** **58** The Cardinality of Sets of k-Independent Vectors over Finite Fields and their Connection to Matroids	**G. Tzanakis** **59** Constructing covering arrays from m-sequences	**S.J. Kim** **60** The second largest number of points of plane curves over finite fields
1:50	**M. Bennett** **61** Right Angles in $\mathbb{F}_q^d$	**D.J. Katz** **62** Proof of a Conjecture of Dobbertin, Helleseth, Kumar, and Martinsen on Three-Level Cross-correlation	**G. Micheli** **63** On unimodular matrices over integrally closed subrings of function fields
2:15	**P. Speziali** **64** Hermitian Codes with Automorphism Group Isomorphic to $P\Gamma L(2,q)$	**Ch. Günther** **65** Flat polynomials, difference sets and cyclotomy	**M. Wijaya** **66** A function-field analogue of Conway's topograph
2:40	**67**	**I. Rubio** **68** Finding a Groebner basis for the ideal of recurrence relations on m-dimensional periodic arrays	**S. Fukasawa** **69** Rational points and Galois points for a plane curve over a finite field
3:00	*Coffee Break*		
3:30	**J. Polhill** **70** Difference Sets and Partial Difference Sets with a Linking Property	**K. Guenda** **71** On Repeated-Root Constacyclic Codes of Length $2^a mp^r$ over Finite Fields	**St. Lappano** **72** A family of permutation trinomials over $\mathbb{F}_{q^2}$
3:55	**A. Aguglia** **73** Intersection sets, two-character multisets and associated codes	**D. Bartoli** **74** Algebraic curves and Random Network Codes	**P.L. Sharma** **75** On Identification of irreducible polynomials over $\mathbb{F}_p$
4:15	**H. Taniguchi** **76** On some dual hyperovals	**M. Dowling** **77** Expander graphs and linear codes	**G. Matera** **78** Estimates for the average cardinality of the value set in linear families of univariate polynomials

Contributed Talks on Friday, July 17

Time	Section I Davis Auditorium	Section II Palamountain 202	Section III Dana 240
9:00	**J.B. Little** **79** Codes from algebraic surfaces with small Picard number	**E. Orozco** **80** On the structure of certain reduced linear modular systems	**N. Fernando** **81** From r-Linearized Polynomial Equations to r^m-Linearized Polynomial Equations
9:25	**N. Pace** **82** Code Automorphisms and Permutation Decoding of Linear Codes	**J. Li** **83** On the subset counting problems for polynomials	**X.-d. Hou** **84** Permutation Polynomials of $\mathbb{F}_{q^2}$ of the Form $a\mathtt{X} + \mathtt{X}^{r(q-1)+1}$
9:50	**J. Sheekey** **85** Maximum rank distance codes and finite semifields	**D. Thomson** **86** k-normal elements are cyclic vectors of Frobenius	**A. Tuxanidy** **87** On the inverses of some classes of permutations of finite fields
10:10	*Coffee Break*		

10:30 *Announcments and Farewell*

10:40 **Gary McGuire** **(University College Dublin, Ireland)** (Davis Auditorium)
"L-Polynomials of Curves over Finite Fields"