

SCHEDULE

INTEGERS CONFERENCE 2011

**Note: Wednesday and Thursday talks will take place in the Campus Center;
Friday and Saturday talks will take place in the Education Center.**

Wednesday, October 26

9:00 am – 5:00 pm *Registration in the Campus Center ground floor lobby*

Campus Center Ballroom 3

9:45 – 10:00	Welcoming Remarks Bruce Landman
10:00 – 10:20	James Sellers <i>Enumeration of Line-Hamiltonian Multigraphic Degree Sequences</i>
10:30 – 10:50	Neil Hindman <i>Images of C Sets under Nonhomogeneous Spectra</i>
11:00 – 11:20	Geremias Polanco Encarnacion <i>Beatty Ratios and Sturmian Sequences</i>
11:30 – 11:50	Scott Chapman <i>Sets of Length and Delta Sets of Numerical Monoids</i>
11:50 – 1:30	Lunch
1:30 – 1:50	Kağan Kurungöz <i>Variations on a Result of Bressoud</i>
2:00 – 2:20	Carl Pomerance <i>Dense Product-free Sets</i>
2:30 – 2:50	Alfred Geroldinger <i>On Products of Two Irreducible Elements</i>

Campus Center Ballroom 3

3:00 – 3:20	David Gryniewicz <i>Freiman Homomorphisms</i>
3:20 – 3:40	Break
3:40 – 4:00	Fang Chen <i>Long Minimal Zero-sum Sequences in the Group $C_2 \oplus C_{2k}$</i>
4:10 – 4:30	Joseph Vandehey <i>On Multiplicative Functions with Bounded Partial Sums</i>
4:40 – 5:00	Brian Hopkins <i>Spotted Tilings and n-color Compositions</i>
5:10 – 5:30	Mojtaba Moniri <i>Spectra and Binary Complexity of Certain Reals $\arctan(\alpha)/\pi$</i>

Thursday, October 27

9:00 am – 5:00 pm *Registration in the Campus Center ground floor lobby*

Ballroom 3

Ballroom 4

9:00 – 9:20	Veselin Jungi \square <i>Chaotic Orderings of the Rationals and Reals</i>	Rebecca Milley <i>The Misère Monoid of Single-handed Consecutive Move Ban Games</i>
9:30 – 9:50	Linyan Lu <i>Monochromatic 4-term Arithmetic Progressions in 2-colorings of Z_n</i>	Jessica Enright <i>Impartial Set Representation Games</i>
10:00-10:50	Plenary Speaker – Julia Wolf <i>Finite Field Models in Additive Number Theory</i>	
11:00 – 11:20	Arie Bialostocki <i>On Non Linear Generalizations of the EGZ Theorem</i>	Urban Larsson <i>A Take-away Game Emulating the Rule 110 Cellular Automaton</i>

	Ballroom 3	Ballroom 4
11:30 – 11:50	Aaron Robertson <i>On Van der Waerden Numbers</i>	Richard Nowakowski <i>The Game of Partizan Euclid</i>
11:50 – 1:30	Lunch	
1:30 – 1:50	Neil Lyall <i>Polynomial Patterns in Subsets of the Integers I</i>	Aviezri Fraenkel <i>Rational Take-away Games</i>
2:00 – 2:50	Plenary Speaker – László Székely <i>M-part Sperner Families, Transversals and Mixed Orthogonal Arrays</i>	
3:00 – 3:20	Carl Yerger <i>On Three Sets with Non-decreasing Diameter</i>	Alex Fink <i>Lattice Games and Computation</i>
3:20 – 3:40	Break	
3:40 – 4:00	Carrie Finch <i>Nonlinear Sierpiński and Riesel Numbers</i>	Carlos Pereira dos Santos <i>A Universal Combinatorial Ruleset</i>
4:10 – 4:30	Jonathan Chappelton <i>Modular Schur Numbers</i>	Kyle Burke <i>Mathchmaker: Nimber Patterns and Conjectures</i>
4:40 – 5:00	Alex Rice <i>Polynomial Patterns in Subsets of the Integers II</i>	Yuval Tanny <i>A Class of Wythoff-like Games</i>
5:10 – 5:30	Lola Thompson <i>Polynomials with Divisors of Every Degree</i>	

Friday, October 28

9:00 am – 5:00 pm <i>Registration in the Education Center</i>

	Education Center Room 4	Education Center Room 5
9:00 – 9:20	Enrique Treviño <i>The Smoothed Pólya-Vinogradov Inequality</i>	Mark Shattuck <i>Restricted Partitions and Motzkin Left Factors</i>

	Room 4	Room 5
9:30 – 9:50	Florian Luca <i>Balancing with Powers of Fibonacci Numbers</i>	Rishi Nath <i>Simultaneous Core Partitions</i>
10:00-10:50	Plenary Speaker – Carla Savage <i>Generalized Lecture Hall Partitions and Eulerian Polynomials</i>	
11:00 – 11:20	Pante Stanica <i>Generalized Bent Functions and nega-Hadamard Transform</i>	Jacob Bowen <i>Plane Partitions and Hamming Distances</i>
11:30 – 11:50	Neil McKay <i>Wythoff Partizan Subtraction</i>	Marcia Edson <i>On Properties of Representations in Certain Linear Numeration Systems</i>
11:50 – 1:30	Lunch	
1:30 – 1:50	Sadek Bouroubi <i>On Quadrilaterals Inscribed in a Regular n-gon and Partitions of an Integer</i>	Gary Greaves <i>Algebraic Integers and Combinatorial Objects</i>
2:00 – 2:50	Plenary Speaker – Frank Thorne <i>Four Perspectives on a Curious Secondary Term</i>	
3:00 – 3:20	Sarah Anderson <i>Distance Graphs on Z^n with ℓ_1 Norm</i>	Zachary Kent <i>Witt Rings and Matroids</i>
3:20 – 3:40	Break	
3:40 – 4:00	Mel Nathanson <i>Geometric Group Theory and Arithmetic Diameter</i>	Shanzhen Gao <i>Some Enumerative Problems in Walks and Lattice Paths</i>
4:10 – 4:30	Éva Czabarka <i>Phylogenetic Trees and Stirling Numbers</i>	William Banks <i>Carmichael Numbers Composed of Piatetski-Shapiro Primes</i>
4:40 – 5:00	Anastassia Etropolski <i>Powers of the eta-Function and Hecke Operators</i>	Joon Yop Lee <i>Poly-Bernoulli Numbers and Lonesum Matrices</i>

Saturday, October 29

9:00 am – 2:00 pm *Registration in the Education Center*

	Room 4	Room 5
9:30 – 9:50	Darren Glass <i>Communal Partitions of Integers</i>	Akihiro Matsuura <i>The Tower of Hanoi with Weighted Cost</i>
10:00 – 10:50	Plenary Speaker – Ken Ono <i>Adding & Counting</i>	
11:00 – 11:20	Neville Robbins <i>On Divisor Partitions</i>	Eugen Ionascu <i>Ehrhart Polynomials Associated with Cubes and Equilateral Triangles in 3-dimensional Space, Which Have Integer Coordinates</i>
11:30 – 11:50	William Keith <i>Ramanujan Congruence Analogues for the Han/Nekrasov-Okounkov Hooklength Formula</i>	Andrew Ledoan <i>On the Differences Between Consecutive Prime Numbers</i>
11:50 – 1:30	Lunch	
1:30 – 1:50	Heinrich Niederhausen <i>Motzkin Numbers and Chebyshev Polynomials</i>	Robert Lemke Oliver <i>Pretentiously Detecting Power Cancellation</i>
2:00 – 2:20	Larry Rolen <i>Benford's Law for Coefficients of Modular Forms and Partition Functions</i>	Esengül Saltürk <i>Generalized Gaussian Numbers</i>
2:30 – 2:50	Marie Jameson <i>Congruences for Broken k-diamond Partitions</i>	

