

Fibonacci-18 — Conference Schedule

Monday, July 2

Morning Session

8:15	Registration opens
8:45	Opening Remarks
9:00–9:25	Christian Ballot: <i>Variations on Catalan Lucasnomials</i>
9:30–9:55	Heiko Harborth: <i>A Conjecture for Pascal’s Triangle</i>
10:00–10:30	— Coffee Break —
10:30–10:55	William Webb: <i>What Makes A “Nice” Identity?</i>
11:00–11:25	Arthur T. Benjamin: <i>Some Bingo Paradoxes</i>
11:30–11:55	Steven Miller: <i>From Monovariants to Zeckendorf Decompositions and Games</i>
12:00–2:00	— Lunch Break —
Note:	For members of the Fibonacci Association Board:
12:00–2:00	Board Meeting & Luncheon Dalhousie University Club

Monday, July 2

Afternoon Session

2:00–2:25 Sadjia Abbad:

Companion Sequences Associated to the r -Fibonacci Sequence

2:30–2:55 Paul Young:

The Power of 2 Dividing a Generalized Fibonacci Number

3:00–3:30 — Coffee Break —

3:30–3:55 Antara Mukherjee:

The Geometric Interpretation of Some Fibonacci Identities in the Hosoya Triangle

4:00–4:25 J. C. Saunders:

On (a, b) Pairs in Random Fibonacci Sequences

4:30–4:55 Marc Chamberland:

Arctan Formulas and π

Tuesday, July 3

Morning Session

9:00–9:25	Orli Herscovici: <i>New Degenerated Bernoulli and Euler Polynomials Arising from Non-Classical Umbral Calculus</i>
9:30–9:55	Lin Jiu: <i>Bessel Random Walks and Identities for Higher-Order Bernoulli and Euler Polynomials</i>
10:00–10:10	— Group Photo — Location to be announced —
10:10–10:30	— Coffee Break —
10:30–10:55	Sam Northshield: <i>Re³ counting the Rationals</i>
11:00–11:25	Larry Ericksen: <i>Properties of Polynomials that Encode Representations</i>
11:30–11:55	Paul K. Stockmeyer: <i>Discovering Fibonacci Numbers, Fibonacci Words, and a Fibonacci Fractal in the Tower of Hanoi</i>
12:00–1:30	— Lunch Break —

Tuesday, July 3

Afternoon Session

1:30–1:55 Susanna Spektor:

On a ψ_1 -Norm Estimate of Sums of Dependent Random Variables Using Simple Random Walks on Graphs

2:00–2:25 Meliza Contreras González:

Counting Independent Sets on Bipolygonal Graphs

2:30–2:55 Thotsaporn ‘Aek’ Thanatipanonda:

Statistics of Domino Tilings on a Rectangular Board

3:00–3:30 — Coffee Break —

3:30–3:55 Elif Tan:

A Note on Conditional Divisibility Sequences

4:00–4:25 Tanay Wakhare:

Structural Identities for Multiple Zeta Values

4:30–4:55 Paul Young:

Global Series for Zeta Functions

Wednesday, July 4

Morning Session

9:00–9:55	The Édouard Lucas Memorial Lecture Hugh C. Williams: <i>Mersenne, Fibonacci and Lucas: The Mersenne Prime Story and Beyond</i>
10:00–10:30	— Coffee Break —
10:30–10:55	Burghard Herrmann: <i>How Integer Sequences Find Their Way Into Areas Outside “Pure Mathematics”</i>
11:00–11:25	Dale Gerdemann: <i>Images From Zeckendorf and Other Numerical Representations</i>
11:30–11:55	Bruce Boman: <i>Geometric Branching Patterns Based on the p-Fibonacci Numbers: Self-Similarity Across Different Degrees of Branching and Multiple Dimensions</i>
12:00–1:30	— Lunch Break —
1:30	Afternoon Excursion

Thursday, July 5

Morning Session

9:00–9:25	Peter Anderson: <i>More Remarkable Continued Functions</i>
9:30–9:55	Bir Kafle: <i>Pell Numbers of the Form $2^a + 3^b + 5^c$</i>
10:00–10:30	— Coffee Break —
10:30–10:55	Karyn McLellan: <i>A Problem on Generating Sets Containing Fibonacci Numbers</i>
11:00–11:25	Curtis Cooper: <i>Some Generalized High Order Fibonacci Identities</i>
11:30–11:55	Scott Cameron: <i>A Linear Algebra Problem Related to Legendre Polynomials</i>
12:00–1:30	— Lunch Break —

Thursday, July 5

Afternoon Session

1:30–1:55 Steven Edwards:

Generalizations of Delannoy Numbers

2:00–2:25 Barry Balof:

Selfish Sets, Posets, Tilings and Bijections

2:30–2:55 Michael Allen:

*A New Combinatorial Interpretation of the
Fibonacci Numbers Squared*

3:00–3:30 — Coffee Break —

3:30–3:55 Russell Jay Hendel:

*Proof and Formulation of a Tagiuri-Generating-Method
Conjecture*

4:00–4:25 Bob Bastasz:

Digital Loop Systems

Friday, July 6

Morning Session

9:00–9:25	Clark Kimberling: <i>Linear Complementary Equations and Systems</i>
9:30–9:55	Abdullah Al-Shaghay: <i>Irreducibility and Roots of a Class of Polynomials</i>
10:00–10:30	— Coffee Break —
10:30–10:55	William Webb: <i>Proving Identities In Arbitrary Fields</i>
11:00–11:25	Osman Yürekli: <i>A Pascal-like Triangle From a Special Function</i>
11:30–11:55	Burghard Herrmann: <i>Visibility in a Pure Model of Golden Spiral Phyllotaxis</i>
12:00–1:30	— Lunch Break —

Friday, July 6

Afternoon Session

1:30–1:55	Prapanpong Pongsriiam: <i>Fibonacci and Lucas Numbers Which Have Exactly Three Prime Factors and Some Unique Properties of F_{18} and L_{18}</i>
2:00–2:25	Christophe Vignat: <i>Finite Generating Functions for the Sum-of-Digits Sequence</i>
2:30–2:55	Kouichi Nakagawa: <i>Exact Periodicity of Generalized Fibonacci and Tribonacci Sequences</i>
3:00–3:30	— Coffee Break —
3:30–3:55	Murat Şahin: <i>Fibonacci Numbers and Core Partitions</i>
4:00–4:55	Clark Kimberling (Coordinator): <i>Problem Session</i>
5:00	Closing Remarks
