Preliminary Program

August 28, Monday

8.30 - 9.15	**Registration**	
9.20 - 9.30	**Opening**	
Chair:	*L. Mišík*	
9.30 - 10.10	**K. Győry**	**Integral polynomials of given discriminant and their applications**
	Coffee break	
Chair:	*R. Kučera*	
10.40 - 11.00	Š. Porubský	Uniform distribution of the weighted sum-of-digits functions II
11.05 - 11.25	B. Jadrijević	Characterization of quadratic $\varepsilon-$CNS polynomials
11.30 - 11.50	K. Gyarmati	Random polynomials in Legendre symbol sequences
11.55 - 12.15	T. Karam	Ranges control degree ranks of multivariate polynomials over finite prime fields
12.20 - 12.40	N. Adžaga	Asymptotics of the number of $D(q)$-pairs and $D(q)$-triples via L-functions
	Lunch time	
Chair:	*L. Hajdu*	
14.00 - 14.20	B. Sobolewski	Hankel determinants associated with weighted binary sum of digits
14.25 - 14.45	D. Gayfulin	Second best approximations and the Lagrange spectrum
14.50 - 15.10	A. Munagi	Development of perfect partitions of numbers
15.15 - 15.35	M. Tinková	Additive structure of non-monogenic simplest cubic fields
	Coffee break	
Chair:	*Sz. Tengely*	
16.00 - 16.20	N. Varga	Polynomial values of Littlewood polynomials
16.25 - 16.45	K. Müllner	Test of measures of pseudorandom binary sequences
16.50 - 17.10	G. Batta	On higher power Diophantine tuples

Preliminary Program

August 29, Tuesday

Chair:	*R. Tichy*	
9.00 - 9.40	**R. Kučera**	**Annihilators of the class group of an Abelian field**
9.45 - 10.05	I. Gaál	Monogenity and power integral bases of algebraic number fields
10.10 - 10.30	L. Major	Enumerating self-avoiding walks of prescribed lengths on finite grids

Coffee break

Chair:	*Š. Porubský*	
11.00 - 11.20	D. Kreso	Pillai's problems with polynomials
11.25 - 11.45	F. Filip	Matrix densities and the relations between them
11.50 - 12.10	L. Remete	Monogenity of pure relative quartic extensions of $\mathbb{Q}(i)$
12.15 - 12.35	K. Gajdzica	Some problems related to the restricted partition function $p_{\mathcal{A}}(n, k)$

Lunch time

Chair:	*L. Major*	***Péter Kiss Memorial Section***
14.00 - 14.40	**V. Ziegler**	**On Pillai's problem involving Lucas sequences**
14.45 - 15.05	K. Liptai	Random inhomogeneous binary recurrence
15.10 - 15.30	F. Rami	About Pascal-like triangles
15.35 - 15.55	N. Irmak	The k-generalized Lucas numbers and the inequality $|L_n^{(k)} - 2^m| < 2^{m/2}$

Coffee break

Chair:	*D. Gayfulin*	
16.20 - 16.40	M. Genčev.	On a parametric K-fold infinite series
16.45 - 17.05	A. Bazsó	Recent Diophantine results on power sums of arithmetic progressions

Conference banquet: 19.30-22.00, Nyugat Étterem (Restaurant Nyugat) in the main campus.

Preliminary Program

August 30, Wednesday

Chair:	*A. Bérczes*	
9.00 - 9.40	**M. Ulas**	**Geometric progressions in the sets of values of rational functions**
9.45 - 10.05	L. Hajdu	On polynomials having only rational roots
10.10 - 10.30	G. Walsh	Large rank specializations of Shioda's curve and a conjecture of Erdős on powerful numbers

Coffee break

Chair:	*P. Young*	
11.00 - 11.20	G. Nyul	Monogeneity and the minimal index of pure quartic fields
11.25 - 11.45	P. Francírek	Enlarging the Stickelberger ideal
11.50 - 12.10	B. Rago	A characterization of half-factorial orders in algebraic number fields
12.15 - 12.35	M. Pulikowski	Gauss congruences in algebraic number fields

Lunch time

14.00 Conference excursion to Eszterházy Palace, Fertőd, the "Hungarian Versailles"

The bus departs on Wednesday at 14:00 from the main entrance of the campus of University of Sopron. After visiting the palace in Fertőd (in two groups), the bus goes to Rupprecht Borozó (Sopron, Lőver körút 52.), where we have dinner by 18.00-20.30.

Preliminary Program

August 31, Thursday

Chair:	G. Walsh	
9.00 - 9.40	**T. Miyazaki**	**Number of solutions to a special type of Pillai's equation**
9.45 - 10.05	A. Pethő	Common values of linear recurrences related to Shank's simplest cubics
10.10 - 10.30	L. Mišík	On the set of maldistributed sequences in metric spaces

Coffee break

Chair:	B. Jadrijevič	
11.00 - 11.20	P. Young	Global series for height 1 zeta functions
11.25 - 11.45	L. Tóth	Menon's identity: proofs, generalizations and analogs
11.50 - 12.10	Sz. Tengely	Coloring collision problems
12.15 - 12.35	L. S. Altuzarra	Recent results on the geometry of numbers

Lunch time

Chair:	M. Ulas	
14.00 - 14.20	D. Nyirenda	Generalizing a theorem of Andrews
14.25 - 14.45	I. Pink	Additive Diophantine equations with binary recurrences, $\mathcal{S}$-units and several factorials
14.50 - 15.10	S. Tebtoub	About ellipses and integer sequences
15.15 - 15.35	I. Vukusic	On a simple quartic family of Thue equations

- - - - - - - -

| 16.15 - 17.00 | *Meeting* | Scientific Committee of CENT |

Preliminary Program

September 1, Friday

Chair:	*A. Munagi*	
9.00 - 9.40	**H. Belbachir**	**Linear recurrences in binomial coefficient triangle and its extensions**
9.45 - 10.05	A. Bérczes	Effective results for division points on curves over finitely generated domai
11.10 - 10.30	P. Miska	p-adic denseness of members of partitions of N and p-adic asymptotic densities

Coffee break

Chair:	*L. Szalay*	
11.00 - 11.20	T. Herendi	Automata and arithmetic in canonical number systems
11.25 - 11.45	T. Szakács	Repdigits in named sequences

Closing