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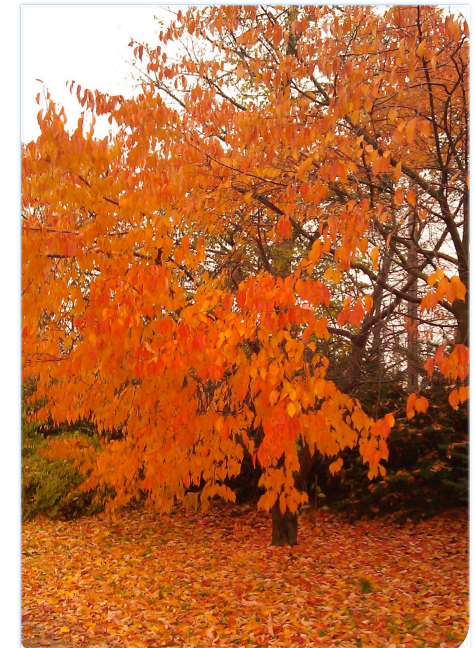


1 - Publicum Building (Department of Mathematics and Conference Venue)

2 - Hotel Centro

3 - Kauppatori (Market Square)

9th international conference on
WORDS 2013
16-20 September
Turku (Finland)



SUNDAY 15 (Math. Dep. – Publicum)

18:00 Welcome Snack and conference registration

MONDAY 16 (Lecture Hall 3)

8:30-9:15 Registration

9:15-9:25 CONFERENCE OPENING: K. Väänänen, Rector of the University of Turku

9:30-10:20 Invited Lecture: J. Cassaigne *Which Arnoux-Rauzy words are 2-balanced?*

10:30-11:00 Coffee Break

11:00-11:25 F. Leve and G. Richomme: *On Quasiperiodic Morphisms*

11:30-11:55 V. Berthé J. Bourdon, T. Jolivet and A. Siegel: *Generating discrete planes with substitutions*

12:00-12:25 A. Saarela: *Weakly Unambiguous Morphisms with Respect to Sets of Patterns with Constants*

12:30-14:00 Lunch Break

14:00-14:25 V. Delacroix, T. Hejda and W. Steiner: *Balancedness of Arnoux-Rauzy and Brun words*

14:30-14:55 W. Forys: *When images of substitutions shifts are traces shifts*

15:00-15:30 Coffee Break

15:30-15:55 S. Ferenczi: *The self-dual induction for interval exchange transformations*

16:00-16:25 J. D. Currie, N. Rampersad and K. Saari: *Suffix conjugates for a class of morphic subshifts*

18:30 CITY RECEPTION (Turku City Hall)

TUESDAY 17 (Lecture Hall 3)

9:30-10:20 Invited Lecture: F. M. Dekking: *Dynamical equivalence of morphisms*

10:30-11:00 Coffee Break

11:00-11:25 S. Akiyama, V. Marsault and J. Sakarovitch: *Auto-similarity in rational base number systems*

11:30-11:55 D. Dombek: *Generating $(\pm\beta)$ -integers by Conjugated Morphisms*

12:00-12:25 W. Moczurad: *Defect Property in \mathbb{Z}^2*

12:30-14:00 Lunch Break

14:00-14:25 R. Reis and E. Rodaro: *Regular Ideal Languages and Synchronizing Automata*

14:30-14:55 V. Gusev, M. Maslennikova and E. Pribavkina: *Finitely generated ideal languages and synchronizing automata*

15:00-15:30 Coffee Break

15:30-15:55 S. Tan and J. Shallit: *Sets Represented as the Length- n Factors of a Word*

16:00-16:25 F. Burderi: *Some combinatorial properties of maximal sets*

WEDNESDAY 18 (Lecture Hall 3)

9:30-10:20 Invited Lecture: G. Levitt *Subword complexity in free groups*

10:30-11:00 Coffee Break

11:00-11:25 V. Berthé and S. Labbé: *Convergence and Factor Complexity of the Arnoux-Rauzy-Poincaré Algorithm*

11:30-11:55 N. Poliakov: *On algorithmic decidability of the square-free word problem relative to a system of two defining relations*

12:00-12:25 K. Klouda and Š. Starosta: *An Algorithm Enumerating All Infinite Repetitions in a DOL System*

12:30-14:00 Lunch Break

14:00-14:50 Invited Lecture: V. Halava *Deterministic semi-Thue systems and variants of Post Correspondence Problem*

15:30 Excursion

THURSDAY 19 (Lecture Hall 2)

9:30-10:20 Invited Lecture: M. Sciortino *Words, Trees and Automata Minimization*

10:30-11:00 Coffee Break

11:00-11:25 M. Rigo and P. Salimov: *Another Generalization of Abelian Equivalence: Binomial Complexity of Infinite Words*

11:30-11:55 A. Valyuzhenich: *On factor complexity of infinite permutations*

12:00-12:25 J. Peltomäki: *Introducing Privileged Words: Privileged Complexity of Sturmian Words*

12:30-14:00 Lunch Break

14:00-14:25 T. Kärki: *Similarity Relations and Repetition-freeness*

14:30-14:55 M. Huova and A. Saarela: *Strongly k -abelian repetitions*

15:00-15:30 Coffee Break

15:30-15:55 J. D. Day, D. Reidenbach and J. C. Schneider: *Periodicity Forcing Words*

16:00-16:25 L. Hegedüs and B. Nagy: *Periodicity of Circular Words*

16:30-17:00 GENERAL ASSEMBLY

FRIDAY 20 (Lecture Hall 2)

9:30-10:20 Invited Lecture: N. Rampersad *Non-constructive methods for avoiding repetitions in words*

10:30-11:00 Coffee Break

11:00-11:25 Z. Masakova and E. Pelantová: *Enumerating Abelian Returns to Prefixes of Sturmian Words*

11:30-11:55 A. De Luca and G. Fici: *Open and Closed Prefixes of Sturmian Words*

12:00-12:25 L. Balkova, M. Bucci, A. De Luca and S. Puzyrnina: *Infinite Words with Well Distributed Occurrences*

12:30-14:00 Lunch Break

14:00-14:25 Š. Starosta: *Palindromic richness for languages invariant under more symmetries: results, examples and open questions*

14:30-14:55 T. Smith: *On Infinite Words Determined by L Systems*

15:00-15:30 Coffee Break

15:30-15:55 T. Harju: *A note on Square-Free Shuffles of Words*

16:00-16:25 C. Choffrut and R. Mercas: *The lexicographic cross-section of the plactic monoid is regular*

16:30 CLOSING CEREMONIES