

Workshop on Word Avoidability, Complexity and Morphisms

Turku, Finland

July 17, 2004

(an **ICALP'04** workshop)

Program

8:55	Opening of the workshop
	session 1 (chair: Gwénaél Richomme)
9:00	Invited talk: <i>Jeffrey Shallit</i> Avoidability in words: Recent results and open problems
10:00	Uniformly n-bounded duplication codes <i>Peter Leupold</i>
10:30	Coffee break
	session 2 (chair: Arturo Carpi)
11:00	Squares and overlaps in the Thue-Morse sequence and some variants <i>Shandy Brown, Narad Rampersad, Jeffrey Shallit and Troy Vasiga</i>
11:30	The number of ternary words avoiding abelian cubes grows exponentially <i>Ali Aberkane, James D. Currie and Narad Rampersad</i>
12:00	Avoidable sets and well quasi-orders <i>Flavio D'Alessandro, Stefano Varrichio</i>
12:30	Lunch
	session 3 (chair: Julien Cassaigne)
14:00	Invited talk: <i>Anna E. Frid</i> Possible growth of arithmetical complexity
15:00	Transcendence of numbers with an expansion in a subclass of complexity $2n + 1$ <i>Tomi Kärki</i>
15:30	Factorization of mechanical words and continued fractions <i>Bruno Gaujal, Emanuel Hyon</i>
16:00	Coffee break
	session 4 (chair: Ion Petre)
16:30	Characterization of infinite solutions of Marked Post Correspondence problem <i>Vesa Halava, Tero Harju, Juhani Karhumäki</i>
17:00	A generator of morphisms for infinite words <i>Pascal Ochem</i>