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