

Programme of the
*Workshop on Developments in Implicit Computational
complExity (DICE 2010)*

Paphos, March 27-28, 2010.

Saturday, march 27.

- 9:30-10:30 (invited talk) A.Ben-Amram. *On decidable growth-rate properties of imperative programs.*
10:30-11:00 coffee break
11:00-12:30 U. Dal Lago, S. Martini and M. Zorzi. *General Ramified Recurrence is Sound for Polynomial Time.*
G. Bonfante. *Non confluence in implicit complexity characterizations.*
- 14:00-16:00 M. Lasson. *Controlling program extraction in Elementary Linear Logic.*
P. Boudes, D. Mazza, L. Tortora de Falco. *A Categorical Construction for Linear Logic by Levels.*
S. Ronchi Della Rocca. *Linearity and non-determinism: the resource lambda calculus.*
M. Gaboardi, M. Pagani. *Can Resource Calculus Be Resource Conscious?*
- 16:00-16:30 coffee break
16:30-17:30 B. Redmond. *PSPACE + a distributive law = PSPACE.*
U. Dal Lago, U. Schöpp. *Experiments on logspace-programming with IntML.*

Sunday, march 28.

- 9:30-10:30 (invited talk) S. Martini. *Implicit computational complexity in the small.*
10:30-11:00 coffee break
11:00-12:30 Alois Brunel, K. Terui. *Church \Rightarrow Scott = Ptime: an application of resource sensitive realizability.*
L. Roversi, L. Vercelli. *Safe Recursion on Notation into a light logic by levels.*
- 14:00-15:00 Y. Zhang, D. Nowak. *A calculus for game-based security proofs.*
J.-Y. Marion. *Non-interference types and tier recursion.*