



**Mês de:            ABRIL 2012**

## **SEMINÁRIO DE LÓGICA MATEMÁTICA**

**Dia 19 de Abril (quinta-feira), às 17h, na Sala A2-25**

Polygraphs seen as a computation model

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**Abstract:**

Polygraphs have been introduced by categoricians (and, in particular, by Albert Burroni) as a generic construction of n-categories. They are a good model for braids with the Reidemeister moves, for proofs in classical and linear logic. Here, we take a more pedestrian point of view, and we show that polygraphs can be used to compute. Moreover, actually, we make the conjecture that polygraphs may discriminate term-rewriting from graph-rewriting.

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