

Interface Colloquium Series

***Achieving Expressive Completeness and Computational Efficiency for
Underspecified Representations***

Shalom Lappin

***King's College London
Department of Philosophy***

Monday, December 5, 2005

12:00

**UQAM
Pavillon J.A. De Sève
320, rue Sainte-Catherine Est
DS-6365**

ABSTRACT

Ebert (2005) points out that most current theories of underspecified semantic representation either suffer from expressive incompleteness or do not avoid generating the full set of possible scope readings in the course of disambiguation. In previous work (Fox and Lappin 2005a, 2005b) we have presented an account of underspecified scope representations within Property Theory with Curry Typing (PTCT), an intensional first-order theory for natural language semantics. Here we show how filters applied to the underspecified scope terms of PTCT permit both expressive completeness and the reduction of the search space of possible scope interpretations.