PHILOSOPHY COLLOQUIUM

On Thursday, February 9 at 3:30 p.m.
in Assiniboia Hall 2-02A

Katalin Bimbó
(University of Alberta)

will be speaking on

“A Solution to a 50-Year-Old Problem”

ALL WELCOME

Abstract:
The logic of ticket entailment was introduced by A. R. Anderson in the early 1960s. A logic is decidable if and only if the set of its theorems is recursive. Some relevance logics are known to be decidable, whereas others have been shown to be undecidable.

I will present a solution to the famous open problem: the decidability of $T\_\rightarrow$ (implicational ticket entailment). The decision procedure also solves the inhabitation problem of simple types by combinators over the base $\{B, B', I, W\}$.

The results presented in this talk come from the following two papers:

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