Logikseminariet Stockholm–Uppsala

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2-dimensional models of type theory

Between the intensional and extensional models of type theory there lie a range of other models which, though slightly idiosyncratic from a logical perspective, are very natural from the point of view of their categorical models.

We examine the simplest such intermediate model – whose determining property is that every identity type has an extensional equality – and explore the corresponding categorical structure, which turns out to be a 2-dimensional analogue of the notion of locally cartesian closed category.

Onsdag 19 september kl. 10.30–12.15,
sal 11167, Ångströmlaboratoriet, Uppsala.

http://www.math.su.se/~jesper/seminarier/