

Logikseminariet Stockholm–Uppsala

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An introduction to the π -calculus

The π -calculus (Milner, Parrow, Walker 1992) is a process algebra originally intended to capture parallel computations with mobile resource, and it has had a remarkable impact in that many programming paradigms can be naturally represented in it. In this talk I shall explain the mathematical structure of the π -calculus and indicate some interesting results on completeness of axiomatisations. The talk will not presuppose any previous acquaintance with the calculus, and only marginally touch on the how it is used to model computer systems.

Introductory material on the pi-calculus can be found here:
<http://user.it.uu.se/~joachim/intro.ps>

Onsdag 17 oktober kl. 10.30–12.15,
sal 11167, Ångströmlaboratoriet, Uppsala.

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