



Mês de: MAIO 2013

SEMINÁRIO DE LÓGICA MATEMÁTICA

(Please note the new time!!!!)

Dia 9 de Maio (quinta-feira), às 15h30, na Sala B3-01

R. Holmes on consistency of NF

SERGEI TUPAILO

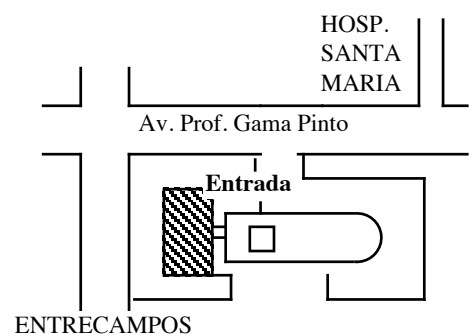
(CMAF - Universidade de Lisboa)

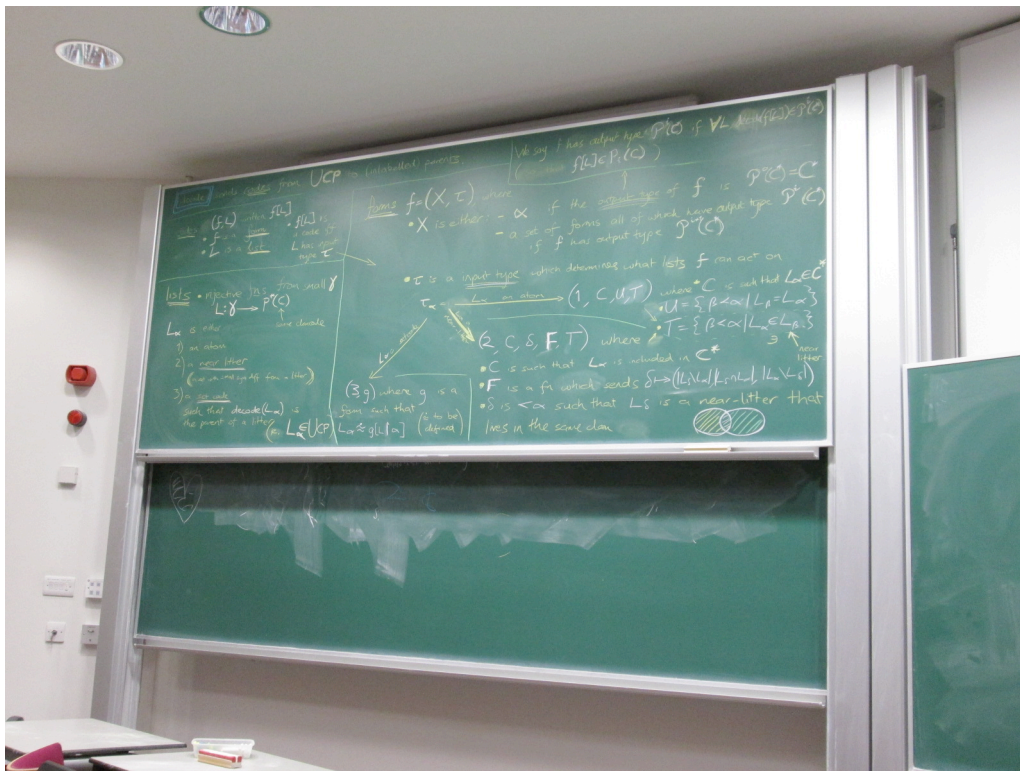
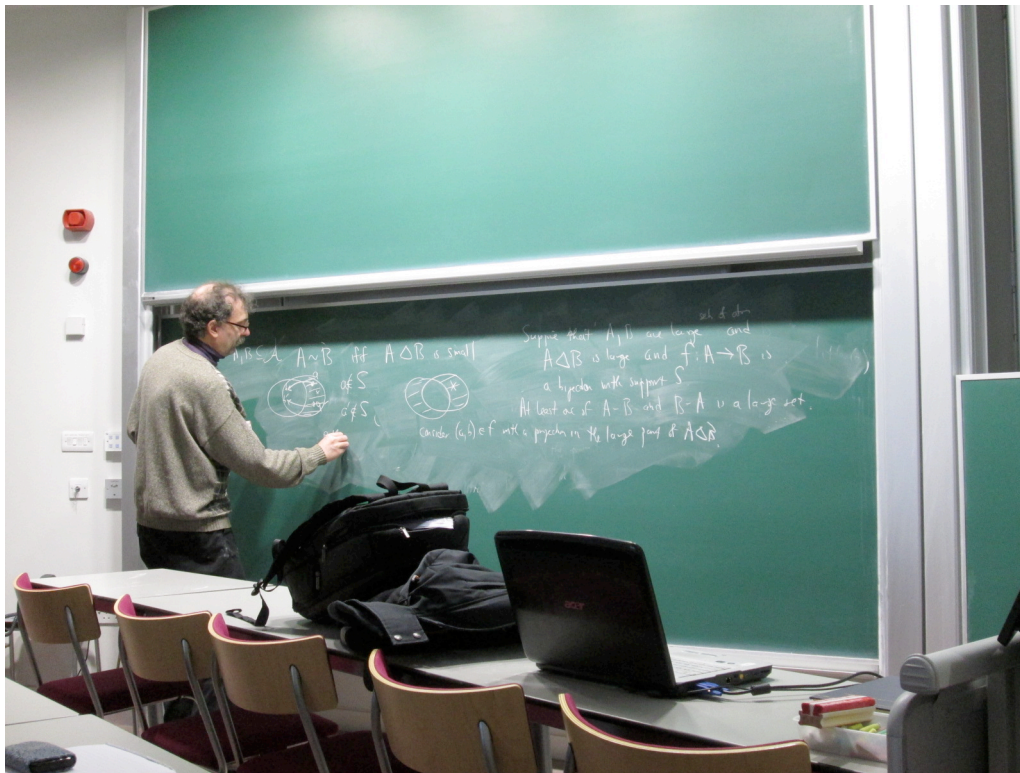
Abstract:

On March 28 -- April 2 there was a conference in Cambridge, named NF76, the main content of which was M. Randall Holmes presenting, in six 2-hour talks, his proof of consistency of the set theory "New Foundations" (NF). Consistency of NF, relatively to ZF, is one of the oldest (since 1937) open problems in Mathematical Logic, having, through decades, attracted attention of several great logicians of our times, including E. Specker, R. Jensen, R. Solovay. And of many others.

In this 1-hour SLM talk I will try to communicate the main ideas of R. Holmes's model construction. You can try to grasp them already, before the seminar, from the attached two Cambridge pictures (-:).

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