



Mês de: **Março 2010**

SEMINÁRIO DE TEORIA DOS MODELOS

Dia 17 de Março (quarta-feira), às 14h, na Sala B3-01

“Sheaves on T-topologies”

(Joint work with M. Edmundo)

LUCA PRELLI

(UNIVERSITÁ DI PADOVA)

Abstract:

We generalize some sheaf theories (locally semialgebraic, subanalytic, o-minimal) using the notion of T-topologies following the approach of Kashiwara and Schapira. Given a topological space X and a family $\{\mathcal{T}\}$ satisfying some suitable hypothesis we define the associated site $X_{\{\mathcal{T}\}}$. Then we study the category of sheaves on $X_{\{\mathcal{T}\}}$. We also prove that the category of sheaves on $X_{\{\mathcal{T}\}}$ is equivalent to the category of sheaves on a topological space $\widetilde{X}_{\{\mathcal{T}\}}$ which generalizes the notion of o-minimal spectrum.

Parcialmente suportado pela FCT ao abrigo do Financiamento Base-

Local:
COMPLEXO INTERDISCIPLINAR
Av. Prof. Gama Pinto, 2
1649-003 Lisboa

