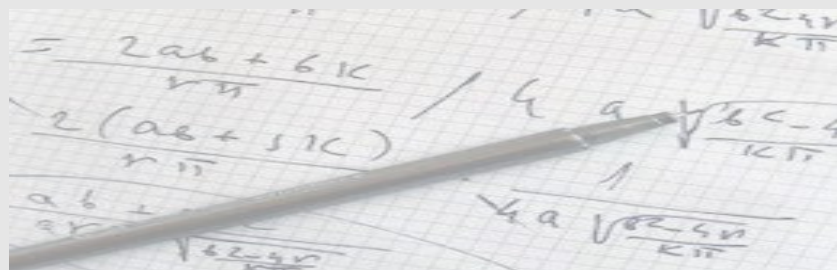




UNIVERSITÀ DELLA CALABRIA

DEPARTMENT OF  
MATHEMATICS AND  
COMPUTER SCIENCE



## *Ph.D. programme in Mathematics and Computer Science*

***Title:*** Minlos & Sinai theorem for one-dimensional long range Ising model

***Speaker:*** Pierre Picco

***Abstract:*** We study the typical configurations of a long range Ising model in one dimension in the regime of a phase transition. Relations with some rearrangement inequalities and fractional Laplacian will be mentioned.

***Short Biography:*** Dr Picco has been P.I. of several national and international research groups (franco-italian, franco-chilean as well as franco-brasilian) concerned with the applications of Probability theory to Mathematical Physics, in particular to Statistical Mechanics, and has organized many international schools and conferences on such topics. He has been visiting professor at uniroma1, uniroma2, uniroma3 and univaq and at renowned foreign research institutions such as Courant Institute NYU, WIAS Berlin, Bogoliubov Laboratory of Theoretical Physics JIRIN Russia, IMPA e CBPF Rio de Janeiro, Tel Aviv University, University of Chile.

He is author of several publications in the field of equilibrium Statistical Mechanics and Interacting Particle Systems.

Course dates  
29/06/2016

Time  
15:30

Room  
MT11– 30B