SPEAKER:

Camil Muscalu, Cornell University

TITLE:

A new approach to the Fourier Extension Problem for the paraboloid

ABSTRACT:
The plan of the talk is to describe a new approach to the so-called Restriction Conjectures, that Itamar Oliveira and I have developed recently. Without entering into details, this new point of view allows one to prove that (essentially) all the relevant conjectures (linear or multi-linear) are true, provided that one of the functions involved has a tensor structure.