



In the framework of the activities of the PhD programme in Mathematical Sciences

Prof. **Amnon Neeman**

University of Milan

will offer a PhD course on

## **Analytic techniques applied to derived and triangulated categories**

### **Abstract**

In algebraic geometry (more specifically in the three exposes by Illusie in SGA6), there was a careful study of several derived categories of coherent/quasicoherent sheaves that one can usefully associate to a scheme  $X$ . And the course will be about the recent developments in this old field, progress that came about by adapting some methods from analysis.

### **Scheduling**

The course will be held at the Department of Mathematics, Via C. Saldini n.50 – Milano

**from 9 January to 1 February 2024**

with the following scheduling:

**9, 11, 16, 18, 23, 25, 30** January and **1** February

**hours 2.00 PM – 4.00 PM**

Room: **Aula Dottorato**, 1st floor