DOCTORAL PROGRAMME IN MATHEMATICAL SCIENCES

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

Prof. **Alberto Vezzani**

University of Milan

will offer a PhD course on

Adic Spaces

Abstract

The course is an introduction to some of the newest approaches to non-archimedean analytic geometry including:

- Huber's adic spaces;

- Raynaud's formal schemes modulo admissible blow-ups;

- Clausen-Scholze's analytic spaces.

We will focus on specific examples arising from algebraic geometry, Scholze's tilting equivalence of perfectoid spaces and the Fargues-Fontaine curve

Scheduling

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

from 6 to 27 March 2024

with the following scheduling:

1.30 PM – 5.30 PM, Wednesday **6, 13, 20, 27** March 2024

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