## Insalate di Matematica *presents*

## Dispersive equations: classical and modern results for Schrödinger equations



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## **Abstract**

The aim of this presentation is to introduce the most known facts about the theory for Schrödinger equation, discussing what are the desired tools and results in these kind of topics. We will then focus on some recent progress that allowed to reach more general settings for such results.



## **Keywords:**

disperive equations  $\cdot$  Schrödinger equation  $\cdot$  scattering  $\cdot$  profile decomposition

"Obvious" is the most dangerous word in mathematics. - Eric Temple Bell

