

## The Small Data Global Well-posedness Conjecture for 1D Defocusing Dispersive Flows

*lundi 22 mai 2023 11:45 (1 heure)*

The conjecture broadly asserts that small data should yield global solutions for 1D defocusing dispersive flows with cubic nonlinearities, in both semilinear and quasilinear settings. The aim of the talk will be to present some very recent results in this direction. This is joint work with Mihaela Ifrim.

**Orateur:** Prof. TATARU, Daniel (UC Berkeley)