

**Infinitely many entire solutions to a mixed dispersion NLS equation
with generic nonlinearity: the positive mass case.**

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I will introduce the *mixed dispersion* nonlinear Schrödinger equation

$$\Delta^2 u - \beta \Delta u = g(u) \quad \text{in } \mathbb{R}^N,$$

where the nonlinearity g satisfies general assumptions in the spirit of Berestycki and Lions and I will present a multiplicity result in the positive mass regime.

(joint work with Alessio Pomponio and Jacopo Schino)