

## Publications

- 1) F. IANDOLI, R. Scandone, *Dispersive estimates for Schrödinger operators with point interactions in  $\mathbb{R}^3$* , **Advances in Quantum Mechanics: Contemporary Trends and Open Problems**, A. Michelangeli and G. Dell'Antonio, eds., Springer INdAM Series, vol. 18, Springer International Publishing, (2017).
- 2) R. Feola, F. IANDOLI, *Local well-posedness for quasi-linear NLS with large Cauchy data on the circle*, **Annales de l'Institut Henri Poincaré (C) Non Linear Analysis**, (1) Vol 36: 119-164, (2019).
- 3) R. Feola, F. IANDOLI, *Long time existence for fully nonlinear NLS with small Cauchy data on the circle*, **Ann. Sc Norm. Pisa Cl. Sci.** (5), Vol XXII, 109-182, (2021).
- 4) J., Bernier, R. Feola, B. Grébert, F. IANDOLI, *Long-time existence for semi-linear beam equations on irrational tori*, **J. Dyn. Diff. Equat.** (3), Vol 33, 1363-1398, (2021).
- 5) R. Feola, F. IANDOLI, *A non-linear Egorov theorem and Poincaré-Birkhoff normal forms for quasi-linear pdes on the circle*, preprint: [arxiv.org/abs/2002.12448](https://arxiv.org/abs/2002.12448), (2020).
- 6) R. Feola, F. IANDOLI, *Local well-posedness for the quasi-linear Hamiltonian Schrödinger equation on tori*, preprint: [arxiv.org/abs/2003.04815](https://arxiv.org/abs/2003.04815), (2021). (**Accepted on Journal de Mathématiques pures et appliquées**)
- 7) R. Feola, B. Grébert, F. IANDOLI, *Long time solutions for quasi-linear Hamiltonian perturbations of Schrödinger and Klein-Gordon equations on tori*, (**Accepted on Analysis and PDES**), preprint: [arxiv.org/abs/2009.07553](https://arxiv.org/abs/2009.07553), (2022).
- 8) R. Feola, F. IANDOLI, F. Murgante, *Long-time stability of the quantum hydrodynamical system on irrational tori*, **Math. in Engineering**, (3), Vol 4, 1-24, (2022).