

1. **On the focusing fractional nonlinear Schrödinger equation on the waveguide manifolds** (joint with A. Esfahani, H. Hajaiej and L. Song). Submitted. (arxiv 2305.19791)
2. **Almost sure scattering for the defocusing cubic nonlinear Schrödinger equation on $\mathbb{R}^3 \times \mathbb{T}$** . Submitted. (arxiv 2304.12914)
3. **Efficient uncertainty quantification for mechanical properties of randomly perturbed elastic rods** (joint with P. Dondl, S. Neukamm and S. Wolff-Vorbeck). Submitted. (arxiv 2304.08785)
4. **On well-posedness results for the cubic-quintic NLS on \mathbb{T}^3** (joint with X. Yu, H. Yue and Z. Zhao). Submitted. (arxiv 2301.13433)
5. **On existence and stability results for normalized ground states of mass-subcritical biharmonic NLS on $\mathbb{R}^d \times \mathbb{T}^n$** (joint with H. Hajaiej and L. Song). Submitted. (arxiv 2212.00750)
6. **Normalized ground states and threshold scattering for focusing NLS on $\mathbb{R}^d \times \mathbb{T}$ via semivirial-free geometry**. Submitted. (arxiv 2205.04969)
7. **Sharp scattering for focusing intercritical NLS on high-dimensional waveguide manifolds**. *Math. Ann.*, to appear. (arxiv 2212.10908)
8. **On long time behavior of the focusing energy-critical NLS on $\mathbb{R}^d \times \mathbb{T}$ via semivirial-vanishing geometry**. *J. Math. Pures Appl.*, to appear. (arxiv 2206.07346)
9. **On sharp scattering threshold for the mass-energy double critical NLS via double track profile decomposition**. *Ann. Inst. H. Poincaré C Anal. Non Linéaire*, to appear. (arxiv 2108.00915)
10. **Sharp scattering threshold for the cubic-quintic NLS in the focusing-focusing regime**. *J. Funct. Anal.* 283 (2022), no. 1, Paper No. 109489, 34 pp.
11. **On the local in time well-posedness of an elliptic-parabolic ferroelectric phase-field model**. *Nonlinear Anal. Real World Appl.* 65 (2022), Paper No. 103462, 30 pp.
12. **On 3d dipolar Bose-Einstein condensates involving quantum fluctuations and three-body interactions** (joint with A. Stylianou). *Discrete Contin. Dyn. Syst. Ser. B* 26 (2021), no. 6, 3455-3477.
13. **Ground states for a nonlocal mixed order cubic-quartic Gross-Pitaevskii equation** (joint with A. Stylianou). *J. Math. Anal. Appl.* 496 (2021), no. 1, Paper No. 124802, 20 pp.

PERMANENT NOTES

1. **Large data global well-posedness and scattering for the focusing cubic nonlinear Schrödinger equation on $\mathbb{R}^2 \times \mathbb{T}$** . Permanent note. (arxiv 2202.10219)
2. **Normalized ground states for 3D dipolar Bose-Einstein condensate with attractive three-body interactions** (joint with A. Stylianou). Permanent note. (arxiv 2202.09801)
3. **Scattering threshold for radial defocusing-focusing mass-energy double critical nonlinear Schrödinger equation in $d \geq 5$** . Permanent note. (arxiv 2106.06993)