

- Dispersive PDE
 - ▶ low regularity well-posedness for (systems of) wave equations (with null forms in 2D) (space-time monopole equation, Maxwell-Klein-Gordon)
 - ▶ lower bound for the blow-up rate of the 3D Zakharov system
 - ▶ interaction Morawetz for the magnetic Schrödinger equation
- Navier-Stokes on Manifolds
 - ▶ Nonuniqueness in 2D for the Navier-Stokes equations for manifolds with negative curvature
 - ▶ Liouville Theorems: stationary Navier-Stokes in 3D on a hyperbolic space
 - ▶ Exterior Domain in 2D on a hyperbolic space
- Equations with Fractional Diffusion
 - ▶ Burgers' equation: critical and supercritical equations