

**Rowan KILLIP**  
**Mass-subcritical NLS**

The talk will address two main topics: (i) Well-posedness in the weak topology on  $L^2$ , as well as its role in proving symplectic non-squeezing in this setting. This is joint work with Monica Visan and Xiaoyi Zhang. (ii) New large-data scattering results at critical regularity; this is joint work with Satoshi Masaki, Jason Murphy, and Monica Visan.