



ID de Contribution: 3

Type: **Non spécifié**

## Elementary SFT Spectral Invariants And The Strong Closing Property

*vendredi 16 juin 2023 11:00 (1 heure)*

In this talk, I will discuss ESFT spectral gaps: a new, general class of spectral invariants for large class of stable Hamiltonian manifolds and their cobordisms, in any dimension. They are built using a min-max construction applied to J-holomorphic curves in symplectic field theory. I will explain their formal properties and provide a holomorphic curve “closing criterion” for the ESFT gaps that implies a strong version of the smooth closing lemma. I will explain how to prove this criterion for flows that are “Hofer near periodic” and I will state some open problems.

This is joint work with Shira Tanny (IAS).

**Orateur:** CHAIDEZ, Julian