Subcritical uncertainty principles for the Fourier transform

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The uncertainty principle forbids a non-zero function f and its Fourier transform $\hat{f}$ from being "too" (or critically) localized. In this talk I will discuss a result about the pointwise decay of subcritically localized functions. This result is closely related to the well-known Hardy and Cowling-Price uncertainty principles. Joint work with Sergey Tikhonov.

More information at: https://mat.uab.cat/web/seminarianalisi/