

AVVISO DI SEMINARIO

19/10/2017 ore 16:30

Aula Seminari

Dipartimento di Fisica

Cubo 31C, Piano Ponte Coperto

Prof. Jean Pierre Gazeau

Astroparticules et Cosmologie

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TITOLO

*Signal analysis and quantum formalism, a quantization
with no Planck constant*

ABSTRACT

Signal analysis is built on various resolutions of the identity in signal vector spaces, e.g. Fourier, Gabor, wavelets ... The same resolutions are used as quantizers of functions or distributions, paving the way to a time-frequency or time-scale quantum formalism and revealing interesting or unexpected features.