



This is to certify that

Hernán Noriega

presented the work

Fast computation of non-linear power spectrum  
in cosmologies with massive neutrinos

at the event

**VIII Essential Cosmology for the Next Generation**

celebrated in Playa del Carmen from November 30 until December 3, 2022.

A handwritten signature in black ink, appearing to read "Gustavo".

Gustavo Niz Quevedo  
Instituto Avanzado de Cosmología

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COSMOLOGÍA