



 Sociedad Mexicana de Física, A.C.

**The Division of Gravitation and Mathematical
Physics of the
Mexican Physics Society**

CERTIFIES THAT

Tula Bernal

Participated with the talk: “*Scalar Field Dark Matter in Clusters of Galaxies* ”, during the XI School of the Division, “*Quantum Gravity: schemes, models and phenomenology*”, that took place on 5-9 December 2016 in Playa del Carmen, Mexico.

On behalf of the organizing committee

Hector H. Hernandez Hernandez

President