

BENEMÉRITA UNIVERSIDAD AUTÓNOMA DE PUEBLA



**INSTITUTO DE FÍSICA
"Luis Rivera Terrazas"**



**SEMINARIO
"DR. JESUS REYES CORONA"**

"The muon $g-2$ and the MuonE project"

Prof. Fulvio Piccinini

Universidad de Pavia, Italia.

After reviewing the theoretical status and the sources of uncertainties of the muon anomalous magnetic moment, I will present the idea of the experiment proposal MUonE aimed at a new determination of the Hadronic Leading Order contribution to the photon vacuum polarization. In particular the theoretical challenges related to the proposal will be discussed.

Auditorio-IFUAP

Jueves 23 de Mayo de 2019

13:00 Hrs.