
KOLOKVIJ FIZIČKOG ODSJEKA

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SELECT EXPERIMENTAL TESTS OF THE STANDARD MODEL
AT LOW ENERGIES

Prof. Dinko Počanić
Department of Physics, University of Virginia

The past several decades have witnessed extraordinary success of the standard model (SM) of elementary particles and interactions when confronted with a plethora of new measurements. At the same time, the precision of theoretical calculations and predictions for elementary processes, especially at low energies, has improved radically. Jointly, these developments have opened up a unique opportunity for testing the limits of, and possible additions to, the SM by means of high-precision measurements at low energies. This talk will present results and plans for several precision studies of rare decays of the π meson, the μ lepton, as well as of the parameters of the neutron beta decay.

Voditelj seminara i kolokvija FO
Hrvoje Buljan, hbuljan@phy.hr