



Research group in the field of Nanophysics Outgassing and diffusion measurement

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https://fshmn.uni-pr.edu/getattachment/Departamentet/Departamenti05/Personeli-akademik/CV---List-of-publications_Sefer-Avdiaj--.pdf.aspx

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Google Scholar

<https://scholar.google.com/citations?user=YTOY55UAAAAJ&hl=en&oi=ao>

Research Gate

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Research lines

Our research group is working in the field of nanoscience focused in vacuum physics.

We are working in measurement of diffusion and permeation coefficients of different gases (Argon, Helium etc) in different glass materials such as ultra low expansion glass, zerodur and sapphire. The aim of such measurements is to establish a new pressure standard – quantum pascal.

Theoretical calculation and evaluation of edge effect during outgassing measurement.

Outgassing measurement of different materials used in vacuum physics.

We are building a static expansion standard used in vacuum metrology as a national pressure standard.

