

# **The Hebrew University of Jerusalem , The Israeli Joint Nuclear Physics Seminars**

**Dr. Savely Karshenboim**

**Pulkovo Observatory and the Max Plank Institute for Quantum Optics**

**The large seminar room of the Physics building at Weizmann Institute of Science**

## **"Determination of the charge radius of the proton"**

The proton charge radius can be determined by means of spectroscopy as well as via electron-proton scattering. At present, two spectroscopic values (from ordinary and muonic hydrogen) do not agree. Meantime, the ordinary-hydrogen value is in perfect agreement with e-p scattering.

I will review the spectroscopic determinations of the electric charge radius of the proton.

Additional details of the upcoming Israeli Joint Nuclear Physics' Seminars can be found on the following link - [Tel Aviv University: Israel Nuclear/Hadron Physics Joint Seminar](#)