

Graduate Student Seminar

Flow-Through Xenon Polarization: Implementation and Application

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Hyperpolarized Xenon gas has application in many areas of research that span medical imaging to fundamental physics. Production and storage of hyperpolarized gas is still an active area of research. I will present one, relatively new production method that has been shown to be superior to most traditional technique in both rate of production and ultimate polarization. I will also present information on our own implementation of this technique and the future avenues of research it will likely open..

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Noon in JFB 334