Title: In Praise of Weakness

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Abstract: While quantum mechanics is an immensely powerful and precise theory which seems to describe everything i the world, its insistence on only predicting what happens when we make "measurements" has left scientists and philosophers alike puzzled - as David Mermin summarized one of Einstein's concerns, "Is the moon there when nobody looks?" Dr. Steinberg will talk about some of the new ideas revolutionizing our view of quantum measurement, in particular the surprising advantages of measuring things "weakly" and suggest that new hints may be emerging about how we should think about Einstein's moon.

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