“Quantum gravity: an incomplete revolution in physics.”

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General relativity and quantum mechanics are two theories that revolutionized our understanding of nature at the beginning of the 20th century. However, both theories remain not well reconciled with each other even today. We will discuss why this is the case and explore some of the ideas that are being pursued towards their unification that form the area of physics known as loop quantum gravity.

Thursday, April 12, 2012
7:00 PM
DeLoach Hall, Room 212