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# Physics Department Seminar

Friday April 28th, 2000

11:00am in PhSc 105

## “Regenerative Braking and Electric Cars”

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### Abstract:

This talk begins with a look at electric motors and the basic physics behind DC and AC induction motors. The Chico State Engineering department has built an electric car which contains a three-phase, AC induction motor. How this particular motor works will be explored. The car, and a similar motor will be displayed. Regenerative braking and the concepts behind it will be discussed as well. A brief description of hybrid cars will follow, including the new Honda Insight.