

# Physics Department Seminar

Friday April 1<sup>st</sup>, 2005

11:00am in PhSc 105

## “Sensing A World of Potential”



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Quantum Applied Science and Research

### Abstract:

The measurement of electromagnetic fields has a wide array of interesting applications across an extremely diverse set of disciplines. At Quantum Applied Science and Research (QUASAR) we exploit our expertise in the development of electric and magnetic field sensors to explore areas from the measurement of the minute physiological electrical impulses such as cardiac and brain signals to the staggeringly large electrical and magnetic signals produced from lightning discharges to probing the field within the Earth for prospecting hydrocarbons, water, and minerals to the search for water on Mars. These applications will be discussed.



*What's on your mind?*