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FROM CLASSICAL PHILOSOPHY TO QUANTUM MECHANICS: An Evolving Reality

*Sacramento State Professor
Michael Epperson*

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Free Community Lecture » Free Parking
Tuesday, Feb. 23, 2010 » 6 p.m.
University Union, Redwood Room



SACRAMENTO STATE
Center for STEM Excellence

From Classical Philosophy to Quantum Mechanics: An Evolving Reality | Free community lecture

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Sacramento State Professor Michael Epperson describes the philosophical implications of recent innovations in quantum mechanics, and the resulting challenges for the conventional classical world view.

In classical mechanics, nature's fundamental constituents are material substances (things); in quantum mechanics, they are units of relation (events). "In the classical world view, things have histories; in the quantum world view, things are histories," says Epperson. He will explore how 'classical reality' is modeled from a more fundamental quantum mechanical description of nature.

Epperson (Ph.D. University of Chicago, 2003) is the founder and director of the Center for Philosophy and the Natural Sciences. He is author of *Quantum Mechanics and the Philosophy of Alfred North Whitehead* (Fordham University Press, 2004).

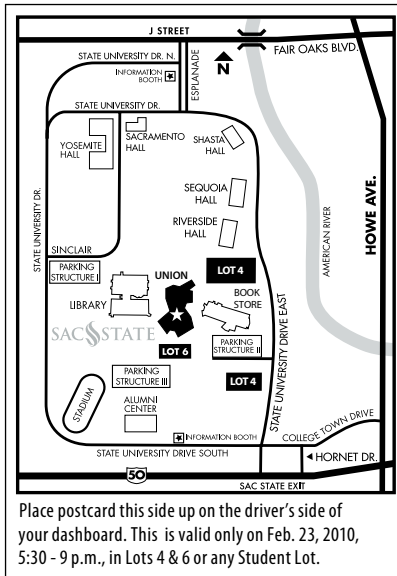


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