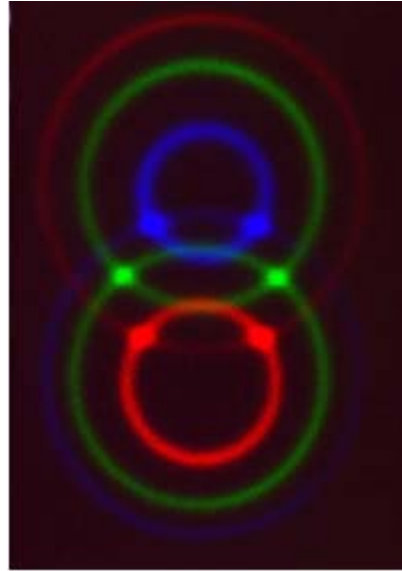


Colloquium Announcement



(Quantum) Entanglement for the (Un)common Man: 101 Uses for Schrödinger's Cat

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Entanglement was described by Schrödinger, the father of quantum mechanics, as the quintessential quantum phenomenon. Now the nascent field of quantum information seeks to use the almost magical properties of entanglement to enable new feats in information processing, such as quantum cryptography (for sending completely secure secret messages) and quantum teleportation. I will describe some of these "miracles" with an eye toward future developments, and, time and appetites permitting, give a brief lesson in quantum cooking.

Sponsored by UAB Department of Physics

Thursday, March 08, 2007

12:30 p.m. – 1:45 p.m.

Campbell Hall 274

Refreshments served at 12:00 p.m. in CH 361

1300 University Boulevard

For further information, please contact the

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