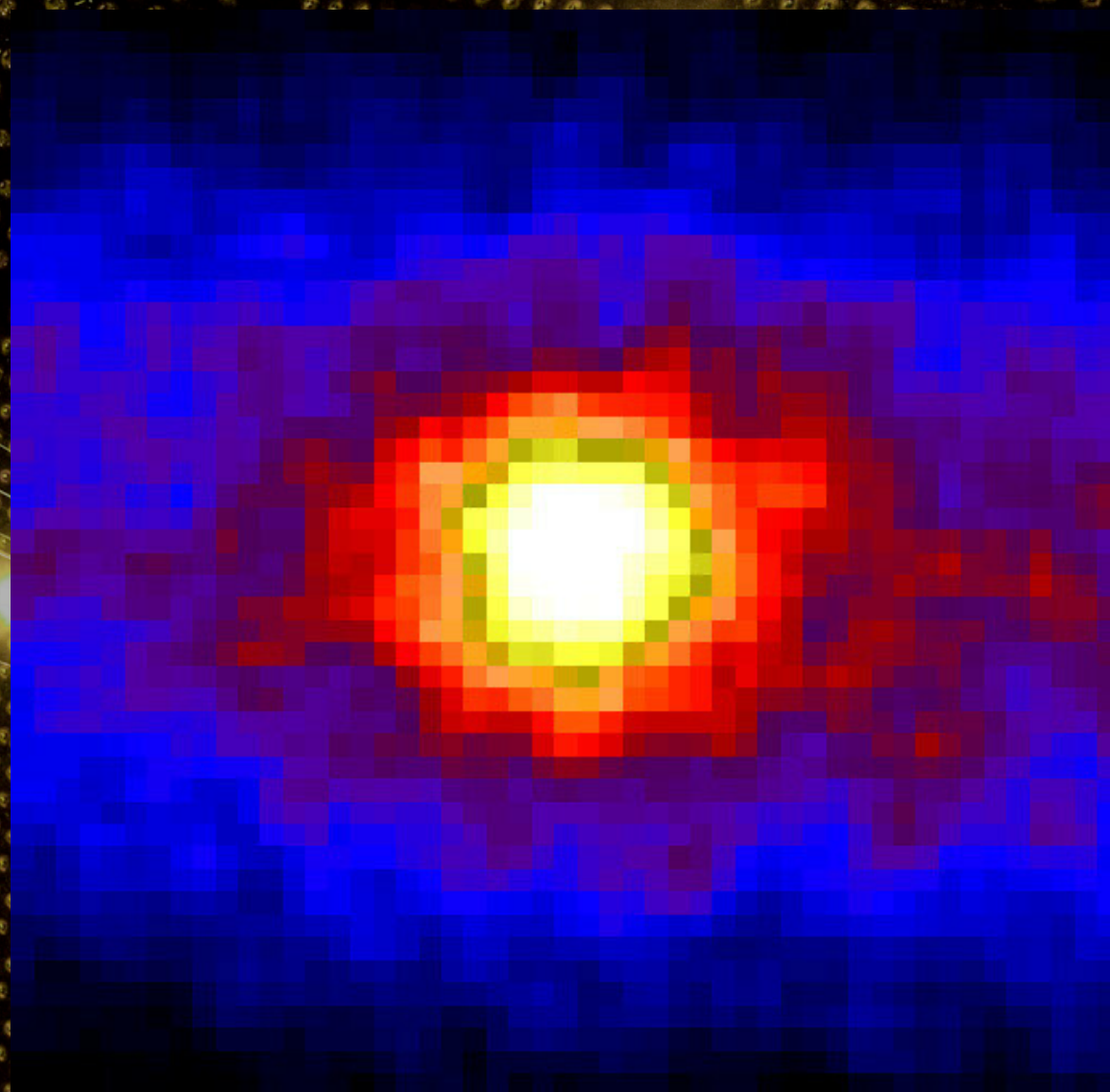




APC colloquium
Wednesday, May 28th at 11am
Room Luc Valentin, 454A



John Beacom
Ohio State University

Solar Neutrinos: Is There a Future?

Studies of solar neutrinos have been tremendously important, revealing the nature of the Sun's power source and that its neutrino flux is strongly affected by flavor mixing. Nowadays, one gets the impression that this field is over. However, this is not due to a lack of interesting questions; it is due to a lack of experimental progress. I show how this can be solved, opening opportunities for discoveries in particle physics and astrophysics, simultaneously.