

Neutrinos from Supernovae

Tuesday, 9 May 2017 11:00 (30 minutes)

What is required to develop the full potential of neutrino astronomy? Robust detections, spanning a variety of energies and sources. Interdisciplinary work to define theoretical predictions. And careful comparisons of experiment and theory to develop new conclusions about astrophysical sources and neutrinos themselves. Supernova neutrinos must be part of this program. I will describe the experimental prospects, the latest predictions, and what we hope to learn, and how all of this relates to other sources of neutrinos, such as those detected by IceCube.

Primary author: Prof. BEACOM, John (Ohio State University)

Presenter: Prof. BEACOM, John (Ohio State University)

Session Classification: Plenaries

Track Classification: Neutrinos from Supernovae- John Beacom, Ohio State