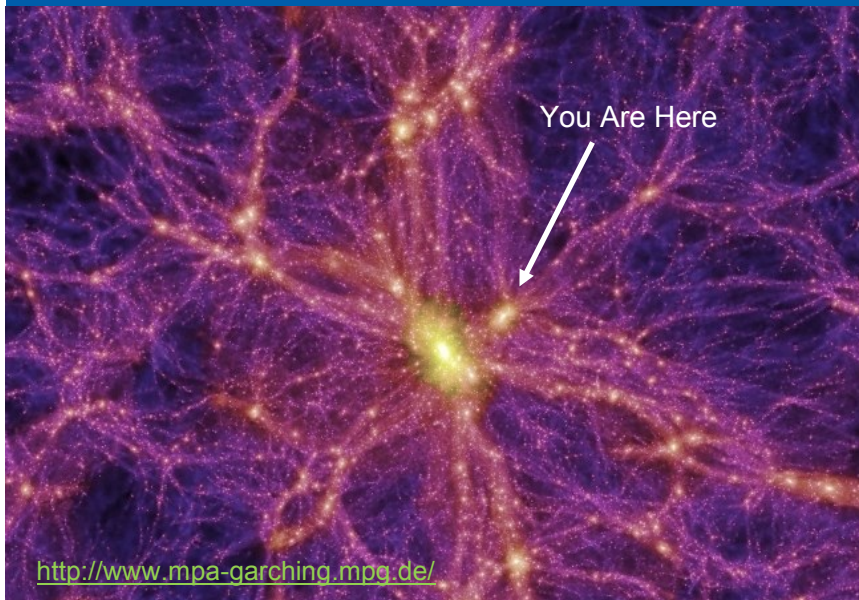


Kentucky SkyTalk



<http://www.mpa-garching.mpg.de/>

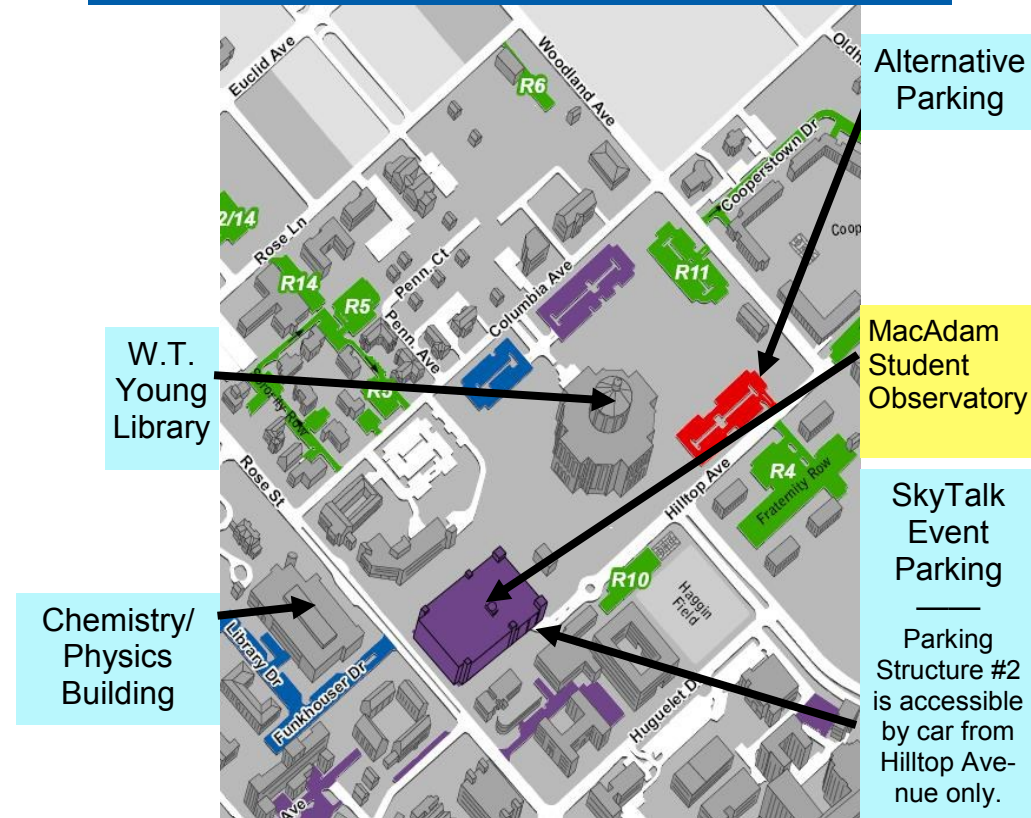
Dr. Renbin Yan— [University of Kentucky](http://www.uky.edu/)
Thursday - December 11, 2014 7:00 PM
Chemistry-Physics Building Room

The Enterprise of Mapping the Structure of the Universe

Finding out the structure of the Universe we live in has been the pursuit of mankind ever since human civilization began. In the past several decades, with the advance of telescopes and detector technology, we finally are able to map the structure on very large scales. This not only has told us that the Universe is expanding, but has also provided us important ways to measure cosmological parameters, such as the density, curvature, and the expansion history of the Universe. I will describe how this is done and what we have learned.

Tonight's *Kentucky SkyTalk* is part of an ongoing series. These are presented by the UK Department of Physics and Astronomy, and the MacAdam Student Observatory. Held the 2nd Thursday of every month, they are always free and open to the public.

How to find the MacAdam Student Observatory



Monthly Meetings

The MacAdam Student Observatory hosts monthly public observing sessions, each with a kick-off 40 minute presentation in the Chemistry-Physics Building. The presentations will take place even on cloudy nights. If the sky is clear, the observatory will open after the talk! Can't make the SkyTalk? Then come after!

Next month:

January 8, 2015 - 7:00 PM - Chem-Phys **Room 155**