



The Zwicky Transient Facility: Wide-Field Imaging at DESY.

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Tuesday, 21 October 2014
16:45 h, Auditorium

The Zwicky Transient Facility (ZTF) is a new astronomical time-domain survey that will have first light at Palomar Observatory in 2017. ZTF will use a new camera with a 47 square degree field of view mounted on the Samuel Oschin 48-inch Schmidt telescope. ZTF's extremely wide field and fast readout electronics will enable a survey nearly an order of magnitude faster than the largest astronomical surveys today. Besides the technological challenges, I will discuss some of the scientific opportunities of the survey, ranging from cosmology to a search for the sources of the high energy astrophysical neutrinos recently detected by IceCube.



Coffee, tea and cookies will be served at 16:30h.

After the seminar there is a chance for private discussions with the speaker over wine and pretzels.

