



Einladung zum Physikalischen Kolloquium

**Montag, 27.04.2015
16:15 Uhr in N24/H13**

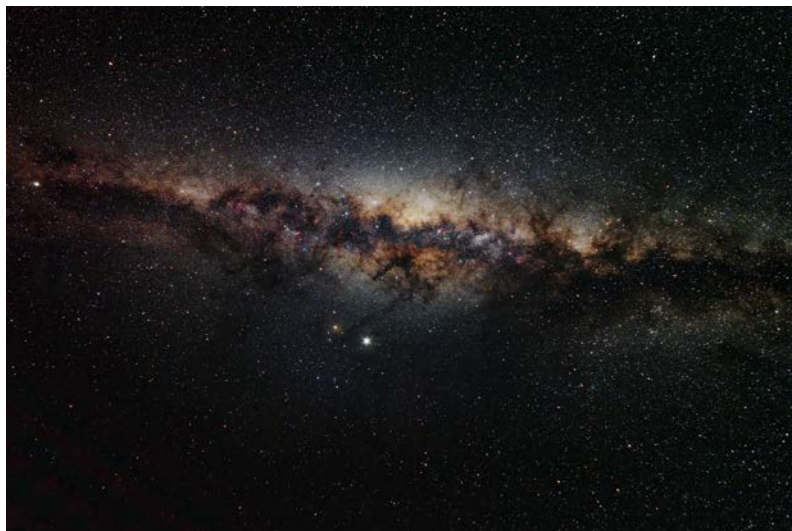


Professor Dr. Rafael Lang

Department of Physics and Astronomy
Purdue University
West Lafayette, Indiana. USA

Dark Matter

We know Dark Matter exists, but what is it really made of? This talk will synthesize what we know about Dark Matter and what we don't know, and what we can learn with existing and upcoming experiments. A comprehensive overview over this bustling area of research will be given: Cosmological and astrophysical observations about the existence and nature of Dark Matter, detectors in orbit and experiments deep underground, as well as different particle hypotheses such as ultralight axions and heavy WIMPs. Rapid progress is made on all fronts, and with the most promising areas of parameter space currently being probed, the Quest for Dark Matter is in its most exciting phase.



Ab 15.45 Kaffee, Tee und Kekse vor dem Hörsaal H13

Organisation: Prof. Jelezko, Tel. 23750

Host: Prof. O. Marti, Tel. 23011, off.: 23010