



The Department of Physics at the University of Cyprus  
is organizing a seminar on

**Tuesday, 24 of May 2016, time 4:00 p.m.**

Room B228, Building 13, New Campus

Speaker:

**Dr. Lavinia Heisenberg**  
**Institute for Theoretical Studies**  
**ETH Zurich**

**“Cosmology in generalized Proca theories”**

Learned from lessons for constructing healthy and self consistent interactions for massive gravity and scalar-tensor theories, I will construct the Lagrangian of a vector field with derivative self-interactions, that propagates only the 3 desired polarisations associated with a Proca field. I will also discuss some cosmological implications of these generalized Proca theories.

For more information please contact:  
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