

From Particle Physics To Precision Technology

Careers outside Academia

Monday, 3 December 2018

13:30h – 16:30h

Lise-Meitner lecture hall, 1st floor

Main entrance: Strudlhofgasse 4, 1090 Vienna

This event is part of the lecture course "Science Career Development II – translating your research into practice"

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Prof. Walther Grimus | *Particle Physics, University of Vienna*

In the last 20 years, neutrino oscillations have been the main source for increasing our knowledge of neutrinos. After introducing the basic notions of flavour neutrino states and neutrino mass eigenstates, I will explain what one would like to know about these elusive particles and how neutrino oscillations contribute to this knowledge. I will also present an elementary derivation of neutrino oscillation probabilities.

Dr. Patrick Ludl | *Precision Technology, Germany*

After finishing my PhD in theoretical particle physics at the University of Vienna, I had three Postdoc positions in three different locations in Europe. Today, I work as a physicist in the research department of a company producing high-precision length and angle measurement devices. In my talk I will present some details about my career path and will discuss the differences and similarities of academic and industrial research.