

From Quantum Science To Automotive Technology Careers outside Academia

Monday, 22 October 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. Markus Arndt | *Molecular Quantum Optics & Quantum Nanophysics, University of Vienna*

Matter-wave experiments with complex biomolecules are intriguing because they probe quantum mechanics in a new complexity regime. Hundreds of atoms are covalently bound in an internally agitated, semi-classical object and yet delocalized in its center-of-mass motion. Such experiments require novel source and detection techniques which have been and will be developed in our lab and shall be presented in this talk.

Dr. Markus Marksteiner | *Robert Bosch AG – Linz, Austria*

In 1886 Robert Bosch opened his workshop "Precision Mechanics and Electrical Engineering", the precursor of the later Robert Bosch GmbH. Since then, Bosch is standing for a vast number of innovations - reflected in the Bosch slogan "Invented for life". The basis for this success are the Bosch engineers, who combine a variety of different scientific areas. This talk will give some insights into a physicist's life outside academia and emphasize why it can be fun too.