Berthold Leibinger Stiftung

INVITATION

LEIBINGER BEGEGNUNGEN: Nobel Prize Laureate Prof. Anne L'Huillier
The Route to Attosecond Light Pulses

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When an intense laser interacts with a gas of atoms, so-called 'high-order harmonics' are generated. In the time domain, this radiation forms a sequence of extremely short light pulses in the order of 100 attoseconds. An attosecond is a billionth of a billionth of a second. Attosecond pulses make it possible to study the dynamics of electrons in atoms and molecules using pump-probe techniques. In her talk, which is part of the '**Leibinger Begegnungen'** series, Anne L'Huillier will explain some of the most important steps in the field of attosecond research. For her research, L'Huillier was awarded the Berthold Leibinger Zukunftspreis in 2023 as well as the Nobel Prize in Physics. Refreshments will be served after the lecture.

Welcome: Dr. Peter Leibinger, Chairman of the Shareholders, Berthold Leibinger Stiftung
Moderated discussion: Prof. Harald Gießen, University of Stuttgart

Note: The event will be held in English.

Date: Thursday, February 13, 2025
Time: 11:30 am – 1 pm| Entry from 11 am
Location: TRUMPF Group headquarters, 71254 Ditzingen
Admission: admission free, limited number of places

Registration for the event:
events.leibinger-stiftung.de/Forms/Form/Register?code=FU7YG8F
We have reserved places for you. Please use this link for your mailing list.
Event registration is open until January 14, 2025.

Note: Confirmation of attendance with a link to register for the event will be sent from January 15, 2025. Due to the limited number of places, we reserve the right to allocate places by lottery.

Livestream: www.youtube.com/@LeibingerStiftungen/streams