Anne L’Huillier likes to push herself to the limit. In her case, as a physicist, this means the limit of time. This is because the 2023 Nobel Prize winner conducts research with ultrashort laser pulses. Attosecond physics attempts to observe the ultrafast movements of electrons. She uses laser pulses to do this - and the shorter the light pulses, the sharper the atomic image. L’Huillier, who together with physicists Ferenc Krausz and Pierre Agostini received the Nobel Prize for their experimental research, will take the Vienna audience on a journey into a hidden world that moves unimaginably fast at the atomic level at a joint lecture by the ÖAW and ISTA. The aim of the ÖAW-ISTA Lectures is to bring top-class researchers from abroad to Vienna on a regular basis. Anne L’Huillier - like her colleague Ferenc Krausz - is closely associated with the Austrian Academy of Sciences as a member. Her lecture will take place in the Festsaal of the ÖAW, the same place where Ferenc Krausz gave a lecture on ultrafast laser pulses and their application potential in 2021. Registration will open momentarily. Photo ©Magnus Bergström

Monday, January 29, 2024 06:00pm - 07:00pm
ÖAW Festive Hall