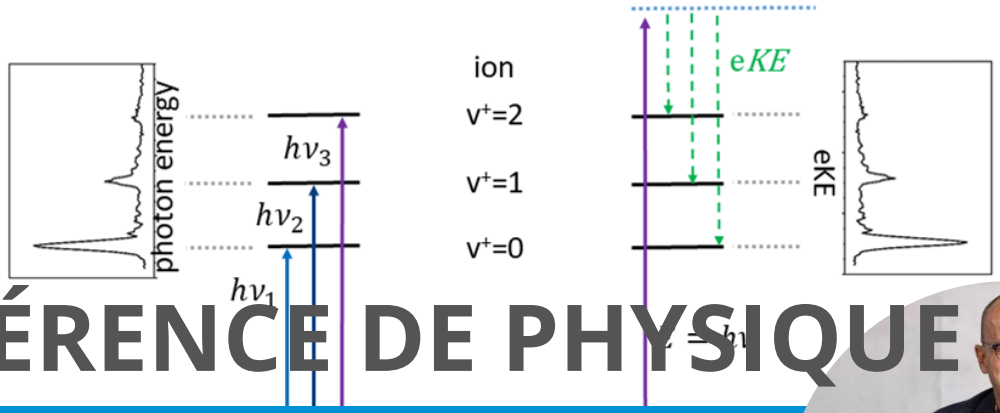

CONFÉRENCE DE PHYSIQUE

Photoelectron spectroscopy as a tool in molecular physics

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AMPHI A1
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Photoelectron spectroscopy (PES), relies on the removal of electrons from molecules by light. It descends from the photoelectric effect, explained by Einstein in 1905. It has developed into a valuable method to investigate molecular structure, but also as an analytical tool. In my lecture, I will outline the principles of the method and present some simple examples on applications to molecular physics.

Ingo Fischer, born 1963 in Kassel, studied chemistry at the University of Bonn and obtained his Dr. rer. nat. from TU München. From 1993 to 1995 he carried out postdoctoral work at the Steacie Institute of the National Research Council, NRC in Ottawa with Albert Stolow. Subsequently, joined the chemistry department of the ETH Zürich. Since 2001 he is a professor of Physical Chemistry at the University of Würzburg.