

NEXT LITE-SEMINAR

High laser field physics: a personal experience

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Date and Time: **Friday, April 29th, 2016, 14:00 ct**

Location: **TU Wien, Photonics Institute**
Gußhausstraße 27-29, 1040 Vienna,
Seminar room CBEG02, ground floor.

Host: A. Baltuska

Abstract

From a historical perspective, a personal experience in multiphoton and tunnel ionization followed by filamentation will be told. Some advancement in the applications of filamentation of femtosecond laser pulses such as molecular fluorescence and snow/rain making in a cloud chamber will be described. Interesting stories of personal scientific interaction with many pioneers in strong field laser physics such as L. V. Keldysh, N. B. Delone, G. Mainfray, G. Farkas, etc. will be told.