

Optical dynamics of surface plasmons

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Abstract:

I will give an introduction to our work on surface plasmons. We use photoemission microscopy to visualize these electronic excitations and observe their dynamics on a femto-second time scale. The photoemission process, the excitation of surface plasmons and their decay will be discussed. Applications will be illustrated.

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1981-1984	Research Associate, National Renewable Energy Lab (NREL), Golden, USA
1984	PhD in Physics, Tulane University, USA
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