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# Kolloquium Lasertechnik

## Gastvortrag

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### **Femtosecond Lasers: More Than Just Really Fast**

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<b>Datum:</b>	<b>Donnerstag, 29.05.2008</b>
<b>Uhrzeit:</b>	<b>17.00 Uhr</b>
<b>Ort:</b>	<b>ILT Aachen, Schulungsraum</b>

Advances in ultrafast lasers have created dramatic new capabilities for a variety of applications such as optical clocks, medical imaging, micromachining and communications as well as a wide range of science. Many of these applications do not themselves rely on ultrahigh speed but benefit from the ultrawide bandwidths, low temporal coherence, low noise or high peak powers of ultrashort light pulses. This talk will describe briefly the femtosecond laser state-of-the-art that makes all of these things possible and will illustrate how it enables such a wide range of uses.

**Ansprechpartner im ILT:** Dr. E. W. Kreutz, DW -146