UNIVERSITÄT DUISBURG ESSEN | PHYSIK

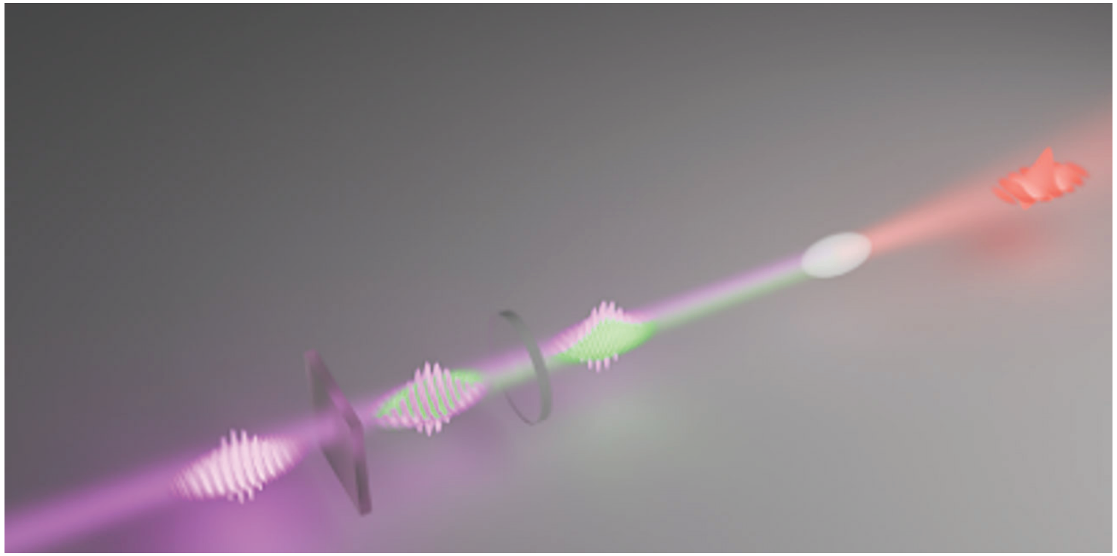
Physikalisches Kolloquium

Mittwoch, 04.02.2026,
13:00 Uhr
MC 122 und Zoom

https://uni-due.zoom-x.de/j/64228670246?pwd=RjVQeFNIUkRKRkpiNVpKYXhJaFNLdz09 (gilt für alle Vorträge)

Broadband THz sources with high average power

Prof. Dr. Clara Saraceno, Ruhr Universität Bochum



Laser-driven broadband THz light sources are nowadays ubiquitous tools in many scientific fields, enabling researchers to control and probe an immense variety of low energy phenomena in condensed matter and other systems. However, average power levels have traditionally remained very low, which has limited their application in many fields. We present here recent progress and challenges in generating Watt average power level THz-pulses, and applications that will benefit from this new performance regime.