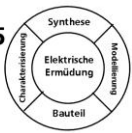


SFB 595



Deutsche
Forschungsgemeinschaft

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Sonderforschungsbereich 595 Elektrische Ermüdung in Funktionswerkstoffen



TECHNISCHE
UNIVERSITÄT
DARMSTADT

*Kolloquium im
WINTERSEMESTER 2011 / 2012*

Dr. David I Woodward

Department of Physics, University of
Warwick, Coventry, UK

**22.11.
2011**

Second Harmonic Generation: a
technique for probing crystal
structures

The first Second Harmonic Generation experiment was published in 1960, developed as a result of the emerging laser technology enabling high-intensity light to be used to probe the non-linear optical properties of crystals. In this talk it will be shown what information can be obtained from Second Harmonic Generation, much of which has arisen in collaboration with the ceramics group at Darmstadt.

Die Vortrag findet um **16:15 Uhr** im Gebäude der Materialwissenschaften, Lichtwiese, Petersenstr. 23, **Raum 77**, statt.