



Einladung
zum
Physikalischen Kolloquium
Montag, 23.05.2016
16:15 Uhr in N24/H13



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Wave Control with space-time transformations

Because time and space play a similar role in wave propagation, wave control in complex media can be achieved by manipulating spatial boundaries or by manipulating time boundaries. Here we first emphasize the role of time boundaries manipulation. We show that sudden changes of the medium properties generate instant wave sources that emerge instantaneously from the entire wavefield and can be used to control this wavefield. We will also discuss a dual approach to control a wavefield in reverberating medium by introducing tunable metasurfaces as controllable spatial boundaries.

Ab 16.00 Uhr Kaffee, Tee und Kekse vor dem Hörsaal H13

Organisation: Prof. Dr. F. Jelezko, Tel. 23750

Host: Prof. Dr. W. Schleich, Tel. 23080, off.: 23081