-POSTER PRESENTATION: BRESCIA, 10th INTERNATIONAL WORKSHOP ON DISORDERED SYSTEMS

LOCALIZATION-LEVEL REPULSION RELATION IN A 1-D DRIVEN DISORDERED QUANTUM SYSTEM

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***Abstract:** We study the level repulsion and its relationship with the localization length in a disordered quantum wire excited with monochromatic linearly polarized light. We distinguish two regimes: in the high frequency regime this relation is the same as in the one-dimensional Anderson model without driving while in the low frequency, results show a break down of single parameter scaling.*