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| Contribution Title: | DIFFUSION OF WAVEPACKETS IN A MARKOV RANDOM POTENTIAL |
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| Invited speaker: | |
| YRS seminar: | NO |

We consider the evolution of a tight binding wave packet propagating by the Schrödinger equation with a time dependent random potential. If the potential evolves according to a stationary Markov process, we show that the square amplitude of the wave packet converges, after diffusive rescaling, to a solution of a heat equation.