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**Pierre Germain\*** (pgermain@cims.nyu.edu), **Fabio Pusateri** (pusaterifabio@gmail.com)  
and **Frederic Rousset** (frederic.rousset@u-psud.fr). *Asymptotic behaviour for NLS in  
dimension 1 with a potential.*

I will present new results giving the asymptotic behavior of the nonlinear Schrodinger equation, in dimension 1, when a decaying external potential is added. The proof uses the distorted Fourier transform to allow for a treatment through the space-time resonance report. This is joint work with F. Pusateri and F. Rousset. (Received July 03, 2017)