

1056-35-1487      **Daniel T Onofrei\*** (onofrei@math.utah.edu), 1126 Michigan Avenue, salt lake city, UT 84105.  
*Active exterior cloaking.*

We will present the ideas behind active exterior cloaking and comment on the advantages/disadvantages of our method with respect to other approaches proposed in the literature. The talk will be focused on the exterior cloaking for electromagnetic guided waves and acoustic waves.

Together with the analysis results, numerical simulations of the cloaking process will be shown. (Received September 21, 2009)