

**ON STABILITY OF TYPE II BLOW UP SOLUTIONS FOR THE  
CRITICAL NONLINEAR WAVE EQUATION.**

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The talk will discuss a recent result showing that type II blow up solutions constructed by Krieger-Schlag-Tataru are actually stable under small perturbations along a co-dimension one Lipschitz hypersurface in a suitable topology. This result is qualitatively optimal. Joint work with Stefano Burzio (EPFL).