



Analysis Seminar

Global well-posedness and scattering in nonlinear wave equations

By

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Abstract: In this talk we will consider the wave equation in odd space dimensions with energy-supercritical nonlinearity, in the radial setting. We will review the concentration compactness and rigidity arguments starting from the earlier work by Kenig-Merle and Duyckaerts-Kenig-Merle in the energy-critical and energy-supercritical cases, and outline the key ideas behind the proof of global well-posedness and scattering results in dimensions three, five, and seven.

Date: Thursday, April 7, 2022

Time: 18:00-19:00, GMT+3

Place: ZOOM

To request the event link, please send a message to goncha@fen.bilkent.edu.tr