

Gravitational scattering and radiation: from gedanken to real experiments

Wednesday, September 6, 2023 11:30 AM (1 hour)

I will attempt to summarize some 35 years of work on semiclassical gravitational scattering, from the early days of (gedanken) transplanckian-energy collisions of particles and strings, to the recent era of (real) black hole encounters. I will emphasize some interesting lessons that the former problem can provide for the latter, while stressing the danger of claiming too naive a connection between the two regimes.

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