

Crossroads between Theory and Phenomenology

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Particle Physics meets Gravitational Wave Physics

Monday 24 June 2024 15:00 (45 minutes)

I will give an overview of how quantum field theory—the main tool of particle physics—is applied to the study of relativistic two-body problem, how it is relevant to precision measurements in future gravitational wave observatories, and how it connects to my research in this topic; the effects of spin in binary dynamics.

Presenter: Mr KIM, Jung-Wook