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UV and IR divergencies in the post-Newtonian expansion

In this talk I will review the recent advancements of the Effective Field Theory approach to the post-Newtonian treatment of the two-body problem in General Relativity, up to the 4th order. While we are able to confirm results previously obtained within other approaches, we also provide a systematic treatment and understanding of the divergencies that occur already at 3rd post-Newtonian order.