

Seminario

Departamento de Física Teórica

“From the graviton to gravity”

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Abstract:

We try to lift a corner of the veil covering "dequantization", in the realm of gravitational theory. As it happens, quantum gravitational interactions involve more complication than just the coupling of stress-energy-momentum tensor to gravitons. A rigorous approach based on the autonomous formulation of QFT demands graviton's self-interaction, leading to the (perturbative development of) Einstein's action. [Joint work with Ch Gass (Varsovia) y K.-H. Rehren (Gotinga)]

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Lugar: Seminario de Física Teórica

