

# Carlos Heredia

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## Publications

- 2022 Heredia, Carlos, Ivan Kolář, et al. “Infinite-derivative linearized gravity in convolutional form”. In: *Classical and Quantum Gravity* 39.8, p. 085001. DOI: 10.1088/1361-6382/ac5a14.
- Heredia, Carlos and Josep Llosa. “Nonlocal Lagrangian fields: Noether’s theorem and Hamiltonian formalism”. In: *Phys. Rev. D* 105, p. 126002. DOI: 10.1103/PhysRevD.105.126002.
- 2021 Heredia, Carlos and Josep Llosa. “Energy-momentum tensor for the electromagnetic field in a dispersive medium”. In: *Journal of Physics Communications* 5.5, p. 055003. DOI: 10.1088/2399-6528/abfd14.
- Heredia, Carlos and Josep Llosa. “Non-local Lagrangian mechanics: Noether’s theorem and Hamiltonian formalism”. In: *Journal of Physics A: Mathematical and Theoretical* 54.42, p. 425202. DOI: 10.1088/1751-8121/ac265c.