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[JOSÉ HERNÁNDEZ MUÑOZ](#) PhD. Student
[Statistical Physics of Complex Liquids and
Biophysics](#)

Work Module 5, Office 504, 5th floor.

Biographical Info

2016 Master degree in Condensed Matter Physics and Biological Systems,
Universidad Autónoma de Madrid, Spain.

2015 Degree in Physics, Universidad Valladolid, Spain.

Honors and Awards

Ph.D FPU grant: 4 years, 2016-2020.

Research Interests

Soft Condensed Matter Physics and Biophysics: phase transitions, liquids,
crystallization, liquid crystals, density functional approximations and extension to
dynamical properties.

Fluctuations in fluid interfaces, capillary waves and mesoscopic surface Hamiltonian.

Lipid membranes.

Reaction kinetic.

Relevant/Recent Publications

Capillary waves and the decay of density correlations at liquid surfaces, Jose
Hernández-Muñoz, Enrique Chacón, and Pedro Tarazona, Phys. Rev. E, 94, 062802,
(2016). [\[URL\]](#)

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