

Pablo Hernández López is a researcher at the group Physics of Low Dimensional Systems lead by Dr. Sebastian Heeg at the Humboldt University of Berlin. He graduated in Physics at the Universidad Autónoma de Madrid in Spain and got his Master of Science at the Freie Universität of Berlin, writing his Master thesis on strain engineering of TMDs in the group of Prof. Kirill Bolotin. His research focuses on strain tuning and confocal and tip-enhanced optical spectroscopies of 2D materials and their heterostructures

Research Highlights

Strain fingerprinting of exciton valley character

A. Kumar, D. Yagodkin, R. Rosati, D. J. Bock, C. Schattauer, S. Tobisch, J. Hagel, B. Hofer, J. N. Kirchof, **P. Hernández López**, K. Burfeindt, S. Heeg, C. Gahl, F. Libisch, E. Malic, K. I. Bolotin
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Strain control of hybridization between dark and localized excitons in a 2D semiconductor

P. Hernández López, S. Heeg, C. Schattauer, S. Kovalchuk, A. Kumar, D. J. Bock, J. N. Kirchof, B. Hofer, K. Greben, D. Yagodkin, L. Linhart, F. Libisch, K. I. Bolotin
Nature Communications, 13, 7691 (2022)

Raman spectroscopy of isolated carbyne chains confined in carbon nanotubes: Progress and Prospects

J. M. A. Lechner, **P. Hernández López**, S. Heeg
Chinese Phys. B 31 127801 (2022)