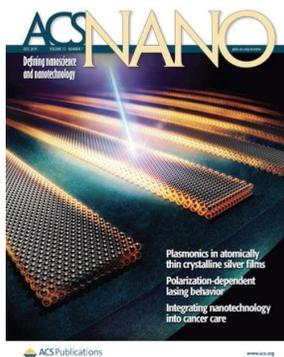


PhD Position in Atomically-Thin Metal Nanoplasmonics

The Nanophotonics Theory Group at ICFO in Barcelona (Spain) is offering a PhD position to a well-qualified, highly motivated, and dynamic young scientist who wishes to pursue a PhD in a friendly and stimulating environment within the field of nanophotonics, specifically on a project with a strong experimental profile, as well as acquisition of simulation and theoretical techniques.

The successful candidate will be joining the **Nanophotonics Theory Group** led by **Prof. Javier García de Abajo** and will be closely supervised by **Dr. Vahagn Mkhitarian**. The candidate will be **trained in multiple experimental techniques** and pursue high-profile research related to the fabrication, characterization, and application of atomically thin crystalline metal films with extraordinary optical properties, strongly supported by Dr. Vahagn Mkhitarian and experimental training activities at ICFO. Additionally, the candidate will be **trained in simulation and theoretical simulation techniques**. A graphical illustration of the types of structures involved in the project is shown in the following journal cover image that our group has recently published:



More information and full access to recent publications by our group can be obtained at <http://www.nanophotonics.es/>. This project is part of the **Advanced ERC Grant e-Nano** held by the group leader.

ICFO is an equal opportunity employer. Candidates are selected exclusively on merit and potential on the basis of submitted application material. No restrictions related to disabilities, citizenship or gender apply to ICFO positions. ICFO abides by the principles of openness, efficiency, transparency, supportiveness, and international comparability as stated in the European Charter for Researchers and the European Code of Conduct for the Recruitment of Researchers.

APPLICATION PROCEDURE

The PhD position in Atomically-Thin Metal Nanoplasmonics is available within the ICFO International PhD Program (Winter 2020). The formal application should be submitted online via <http://jobs.icfo.eu/?detail=537>

Candidates may contact jobs@icfo.eu for informal enquiries regarding the application, as well as address scientific enquiries to Prof. Javier Garcia de Abajo: javier.garciadeabajo@nanophotonics.es.

The call will remain open until November 29, 2020.