

Opening for Postdoctoral Scholar in Ferrimagnetic Spintronics

The University of South Florida (USF), Tampa, FL has an opening for a post-doctoral research associate in the Magnetic Materials and Spin Dynamics Lab led by Prof. Dario Arena.

The post-doctoral research associate will join a project focusing on ferrimagnetic spintronics, with an emphasis on high frequency (GHz to THz) spin dynamics. The ideal candidate will have expertise in several of the following skills and areas: thin film deposition, magnetometry measurements (VSM, MOKE), magnetotransport methods, in-house x-ray characterization (XRR, XRD), ferromagnetic resonance, analysis and modeling. Experience with nanofabrication, two dimensional van der Waals materials, x-ray spectroscopy and imaging, and / or neutron scattering is desirable. Good communication, writing and interpersonal skills are essential.

Qualifications: Ph.D. in Physics, Applied Physics or a closely related field, and within 0-5 years of post-PhD training.

Job Summary: Develop samples and device structures; Conduct research and perform experiments; Analyze and interpret data; Prepare summary of results; Write manuscript drafts; Assist and supervise the work of other lab members.

Starting Date: the position is open immediately, although the starting date can be flexible for the appropriate candidate.

USF is an equal opportunity, equal access academic institution that embraces diversity in the workplace.

Candidates should send a CV to Prof. Arena at the following e-mail: darena@usf.edu.



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