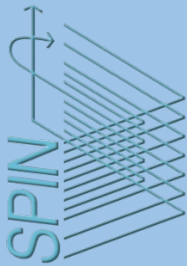


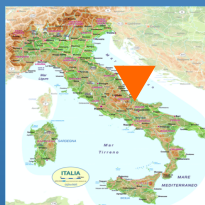
OPENING: Post-doc Position



Consiglio
Nazionale
delle
Ricerche

Institute for
Super-
conducting
and
innovative
materials ad
devices

(CNR-SPIN,
Chieti)



One Post-doc position focused on “FIRST-PRINCIPLES SIMULATIONS FOR 2D MAGNETS”

available in the group of

Dr. Silvia Picozzi

(Consiglio Nazionale delle Ricerche, CNR-SPIN Chieti, It).

Topic: the postdoc is expected to perform ab-initio simulations based on Density Functional Theory in the areas of **magnetism, ferroelectricity and multiferroicity** in **2D-materials** (monolayers, few-layers and heterostructures)

Funding: The position will be funded by the Next-Generation EU program within the (Italian) National Resilience and Recovery Plan (**PNRR**), project SORBET “Spin-ORBit Effects in Two-dimensional magnets”

Salary: **1.600-2.000** Euros/month (net), depending on the candidate experience .

Duration: 18 months (renewable upon funding availability).

Start: **Summer/Fall 2024.**

Location: the research activity will be carried out at Consiglio Nazionale delle Ricerche CNR-SPIN @ University of Chieti (Italy)

Required Expertise: A **PhD in Physics, Chemistry, Materials Science** or related disciplines is needed (**defense date: before March 15th, 2024**). Deep knowledge of Quantum Mechanics and Solid State Physics is mandatory. Extensive **experience in materials modelling (in particular on Density Functional Theory)** is needed; previous activity in magnetism, ferroelectricity or correlated materials and **knowledge about symmetries in condensed matter physics** is very welcome.

Contacts: please contact Dr. Silvia Picozzi via email at

[silvia.picozzi at spin.cnr.it](mailto:silvia.picozzi@spin.cnr.it) by sending your **CV** and a **list of publications**. Use as e-mail subject: **“SORBET Postdoc Application”**

Eligibility: for bureaucratic reasons, only **EU citizens** or non-EU citizens with residence permit in Italy are eligible

Further info on the group:

<https://sites.google.com/site/silviapicozzi/>