

Dear colleagues,

I am writing to inform you that we will soon be opening a postdoctoral position in our group, focused on voltage control of magnetism for advanced memory and computing concepts. The anticipated start date of the contract is between June and September 2026.

The successful candidate will carry out research in one or more of the following areas:

- Advanced memory concepts
- Voltage control of magnetism
- Interplay between electrochemistry, ferroelectricity, and magnetism
- Magneto-ionics
- Atomic force microscopy techniques, including magnetic force microscopy, piezoresponse force microscopy, Kelvin probe force microscopy, and conductive force microscopy
- Advanced computing concepts (neuromorphic, stochastic, probabilistic)
- Data security
- Energy-efficient information technologies

If you are aware of potential candidates who may be interested, I would appreciate it if you could share this information with them and encourage them to contact us.

The candidate will be integrated into a joint research group belonging to the Universitat Autònoma de Barcelona (UAB) and the Catalan Institute of Nanoscience and Nanotechnology (ICN2) ("Nanomaterials for Advanced Memory and Computing"). See further information here:

<https://jsort-icrea.uab.cat/>

<https://icn2.cat/en/nanomaterials-for-advanced-memory-and-computing-group>

Thank you very much in advance for your help.

Best regards,

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