

**BECAS DE COLABORACIÓN – JAE INTRO 2020
EN CENTROS DE EXCELENCIA SEVERO OCHOA – CSIC**

TÍTULO DEL PROYECTO:

Towards green magnetic memory devices

IP:

Ignasi Fina

**RESUMEN DE LA PROPUESTA:
(Máximo 500 caracteres)**

Density increase in memory devices has been positive in terms of costs and supply voltage. However, power consumption density has rapidly increased. Room temperature ***multiferroic-magnetoelectric materials*** have demonstrated capability to reduce the power consumption, but their industrial integration is difficult due to strict growth requirements. The project aims to investigate new ***multiferroic-magnetoelectric materials*** able to be integrated in currently used industrial growth processes.