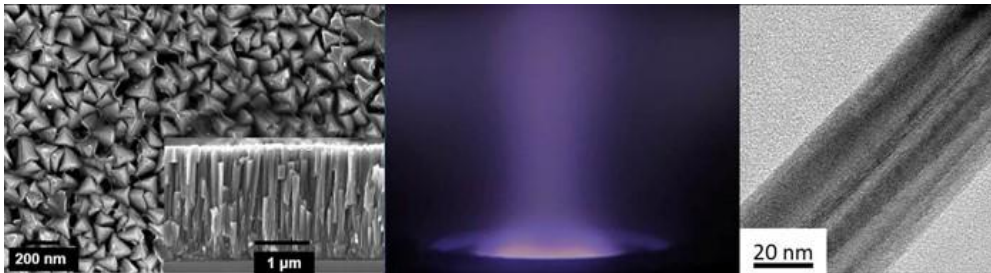


Our skills

Optical and electrical properties of thin layers for energy



YOUR NEEDS

- Innovation and development of thin films
- Checking the optical properties of your materials as a function of temperature
- Design of new materials for energy storage

RELATED SKILLS

- Thin layers of oxides, thermochromy
- Semiconducting or dielectric thin films
- Thin film deposition under ultra-high-vacuum
- Structuring materials
- Nanoparticles synthesis
- Structural and microstructural characterization
- Measurement of electrical and optical properties

OUR SOLUTIONS

- Make our skills, processes and characterization available to support you in your innovation process
- Perovskite films, thermochromic materials and shape memory alloys synthesis
- Synthesis and characterization of transparent conducting oxide films
- Magnetron PVD nanostructuring materials
- Model PL/CL emission of nanostructured or doped films

OUR REFERENCES



KEYWORDS

Thin films, PVD, Sputtering, perovskite, spectroscopy, FTIR, thin film characterization, FLIR thermal camera, thermal regulation, optics, thermochromics

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