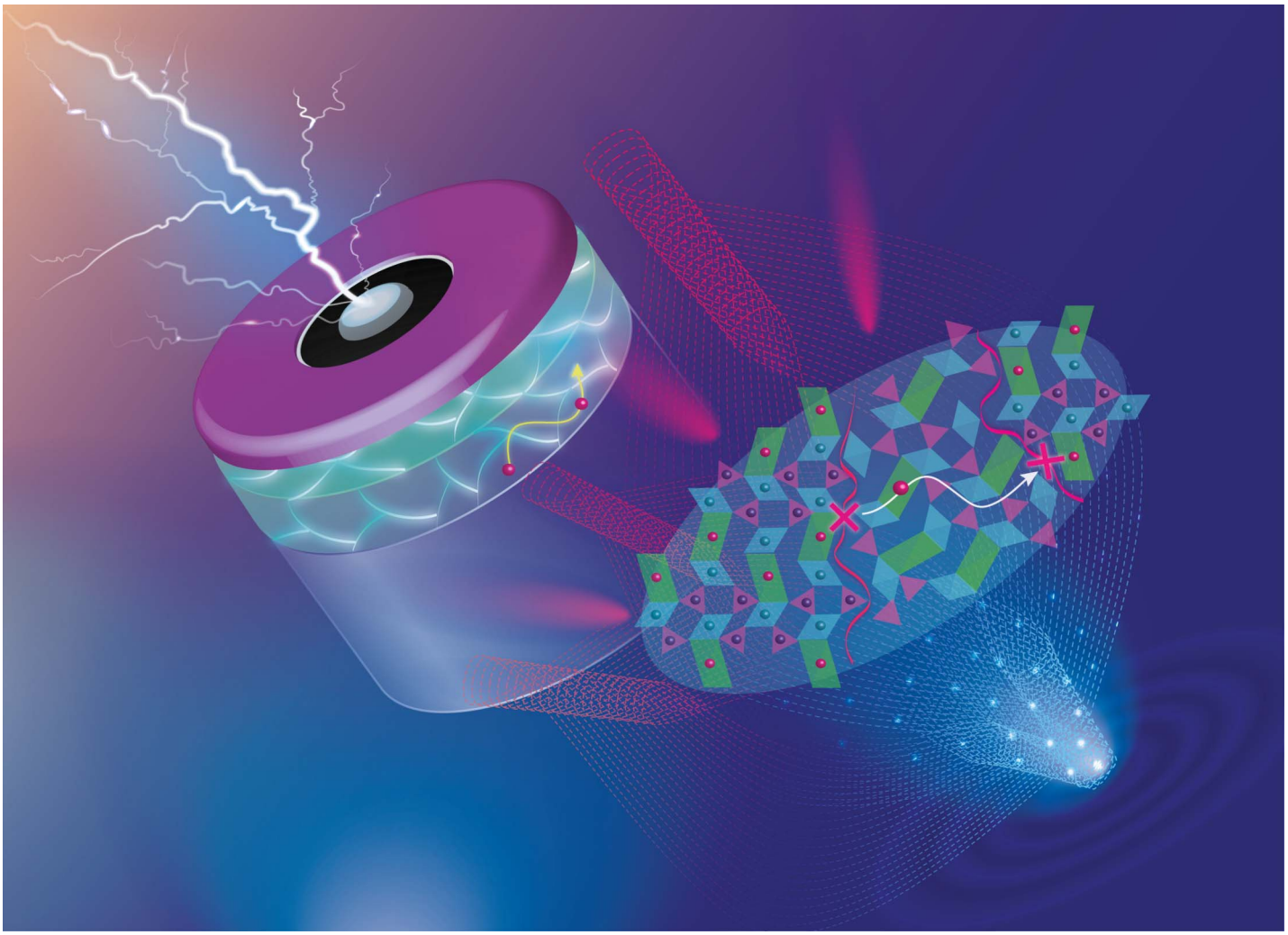

Highlighting a study on the fabrication of highly conducting LATP solid-state electrolyte thin films by a group of researchers led by Dr Valerie Siller, Dr Alex Morata and Prof. Albert Tarancón from the Catalonia Institute for Energy Research.

High performance LATP thin film electrolytes for all-solid-state microbattery applications

LATP thin films fabricated by Large-Area Pulsed Laser Deposition show ionic conductivities up to 0.1 mS·cm^{-1} at room temperature by engineering phases segregated at the grain boundaries during a controlled thermal annealing. The exceptional electrochemical properties of these films can ease the integration of next-generation solid electrolytes in solid-state architectures.

As featured in:

See Alex Morata, Albert Tarancón *et al.*, *J. Mater. Chem. A*, 2021, **9**, 17760.

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