

**BENEMÉRITA UNIVERSIDAD AUTÓNOMA DE PUEBLA
INSTITUTO DE FÍSICA**

“Ing. Luis Rivera Terrazas”



**SEMINARIO SEMANAL
“Jesús Reyes Corona”**

**“Metal Halide Perovskites – Synthesis and
Energy Applications”**

Dr. Rafael Abargues López

Associate Professor

Materials Science Institute (ICMUV), Universitat de València, Spain.

The upcoming lecture will explore the transformative potential of metal halide perovskites in semiconductors, particularly for energy and optoelectronics. The seminar focus on their wide chemical availability and versatile applications, highlighting their impact in photovoltaics and LEDs. The rich chemistry of perovskites is central to their potential, enabling extensive tunability in their properties. This adaptability is key to optimize their outstanding performance in solar cells, where they've reached impressive efficiencies, and in LEDs, where they unlock new possibilities for lighting and display technologies.

**Auditorio del Instituto
Viernes 16 de agosto de 2024
13:00 hrs**