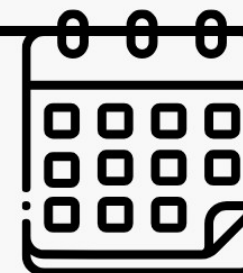


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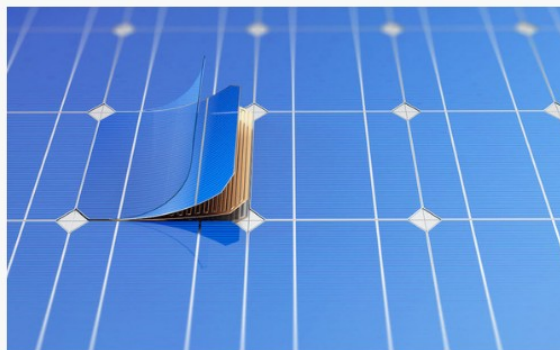


29/04/2025
H. 15:00
ROOM T

JUMPING INTO THE WORLD OF EXPERIMENTAL CONDENSED MATTER PHYSICS

INNOVATIVE MATERIALS FOR NEXT- GENERATION PHOTOVOLTAICS

SOLAR CELL TRAFFIC CONTROL: GUIDING
PHOTONS TO POWER YOUR WORLD



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DR SALVO LA MANNA

Ph.D. in "Materials Science and Nanotechnology" from the University of Catania, in co-tutorship with the IMM-CNR, where is currently a Research Fellow. His research focuses on the optimization of innovative materials, especially thin films, for applications in photovoltaics, photonics, and optoelectronic devices. He is involved in the design, fabrication, and characterization of advanced materials to enhance the efficiency and performance of next-generation energy and optical devices.



LAB. FILM SOTTILI

Deposition of a Transparent Conductive Oxide (TCO) on a semi-finished Prototype of Solar Cell via RF Magnetron Sputtering, followed by electronic and surface characterizations, including electrical measurements and surface photovoltage (SPV) analysis.



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