

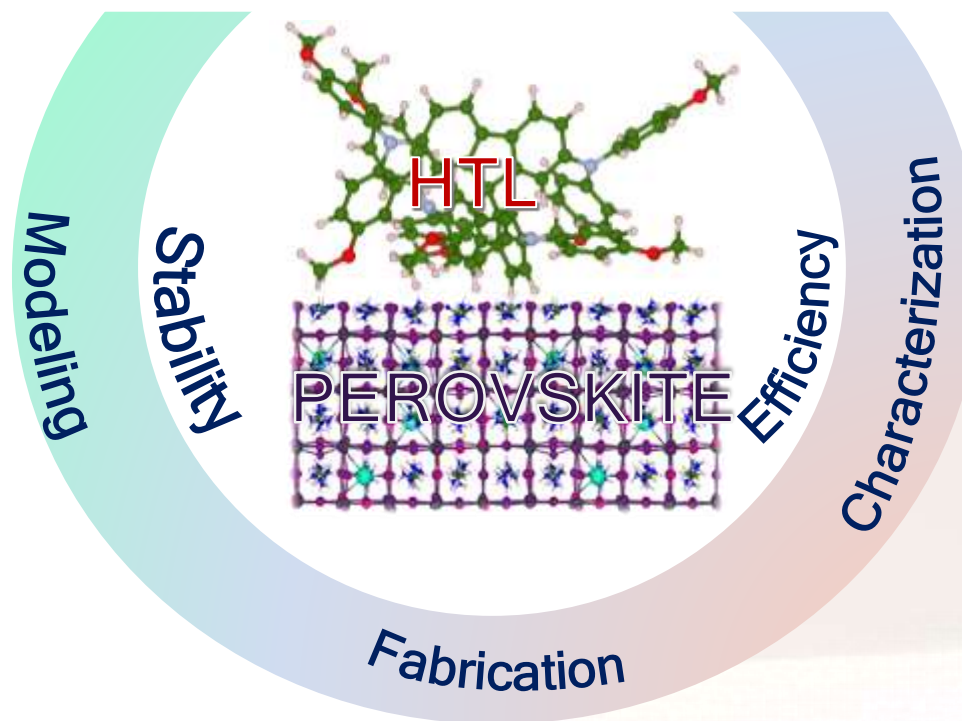


Design and characterization of lead halide perovskites for next-generation solar cells

DFT and beyond

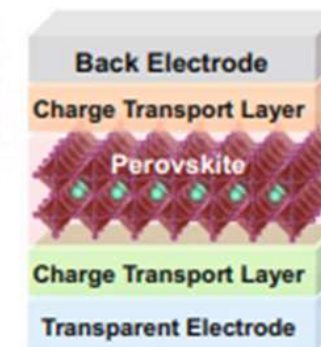
Interface passivation

Vacuum deposition and
double-steps approach



Optical and electrical
measurements

SEM, XRD, EDX



Material optimization

Supervisors

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Prof. Ana Belén Muñoz García

Dr. Lucia Mercaldo



MUSICHEM
Multiscale Simulations in Chemistry & Materials



ENEA
Italian National Agency for New Technologies,
Energy and Sustainable Economic Development