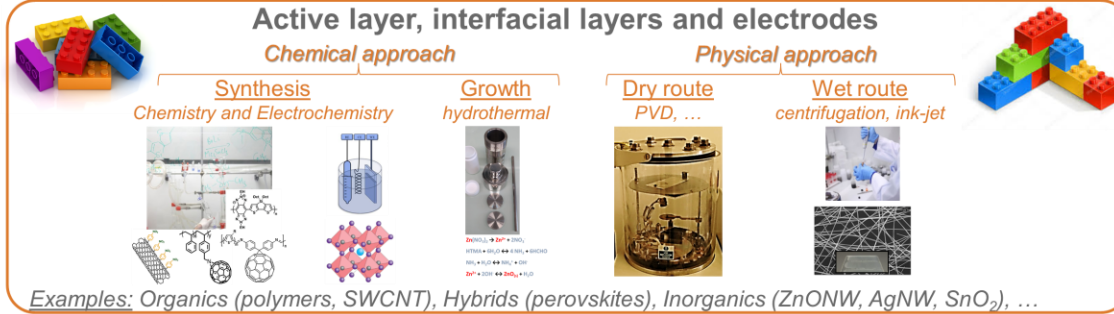
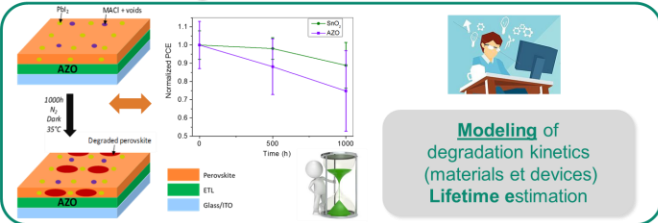


"Photovoltaic" Technical Platform

Design, Synthesis and micro/nano Assembly of Functional Materials



Ageing markers & Degradation mechanisms



Ageing monitoring & Multi-scale structural analyses

Physical chemistry Mechanics **Microstructure Morphology**

Structure/properties relation → Functional properties modeling

Peeling test

IR and Raman (spectroscopy & microscopy)

XRD

SEM

X-ray diffractograms and SEM images of Perovskite

Absorption Topography OM

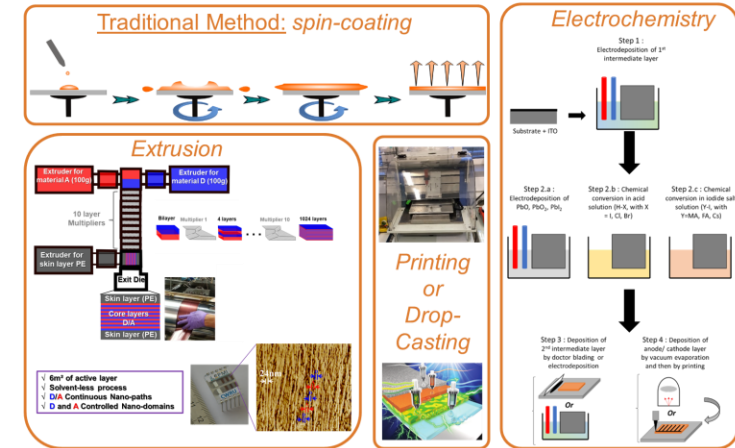
IR spectra of Perovskite



Process: PV devices & encapsulation

Organic cells, perovskite cells, ...

Development of innovative processes



Optimization of functional properties performances et durability

