



ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

IPHYS/LUMES

Laboratory for Ultrafast Microscopy and Electron Scattering

Seminar

*Thursday May 3rd 2018, at 15h00 PM
room CH G1 495*

Paolo Usai

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“Characterization of 2D perovskites via time-resolved ultrafast spectroscopy techniques.”

Over the past decade, perovskites have demonstrated to be a very promising class of materials for optoelectronic applications, such as solar cells and LEDs.

Their properties can be tuned by tailoring their chemical composition or via quantum confinement. In my thesis I characterized 2D organic-inorganic lead halide perovskites using ultrafast time-resolved photoluminescence spectroscopy