

DYNASTY Workshops

Invited Speaker: Dr. Laurent Lombez, CNRS Research Scientist, LPCNO, INSA, Toulouse

1. Tuesday 02/05/2023, 10:00-13:00

Location: FORTH Seminar Room 1

Title: "Introduction to photovoltaics"

About:

- Energy landscape and photovoltaics within all energy sources
- How a photovoltaic cell works from a general perspective
- Current technologies and prospects

2. Thursday 04/05/2023, 10:00-12:00

Location: FORTH Alkiviades Payatakes meeting room

Title: "Luminescence: towards imaging optoelectronic properties"

About:

- Introduction to photoluminescence and electroluminescence; generalized Planck's law, continuity equation and transport
- Application to imaging optoelectronic properties and transport (examples on photovoltaics, LEDs, etc.)
- Emphasis on multidimensional analysis

