

## ***Fête de la Science 2022 (Science celebration days)***

### **Conference on “Photovoltaics: Fabrication process, Trends & Perspectives” in the framework of ECoVEM project**

From 7<sup>th</sup> to 17<sup>th</sup> of October 2022, France held the 31<sup>st</sup> edition of the *Fête de la Science (Science celebration days)*, a national event which aims at bringing citizens closer to Science. The 2022 theme focused on "Climatic awakening".



On the **10<sup>th</sup> of October 2022**, INES Formation (INES-PFE) invited students and professors to discover Photovoltaics manufacturing and research activities through a **conference (1h) on “Photovoltaics: Fabrication process, Trends & Perspectives”**, followed by **guided tours (2h30) through INES-CEA and INES-PFE facilities** (laboratories, technical research and educational training platforms). As an introduction of the conference, the **ECoVEM project** was presented in details.

A first conference and guided tour was delivered during the morning to a group of **21 students and 3 professors** from the University Institute of Technology of Grenoble (France), pursuing a specialization in Electronics (“BUT Génie Electrique et informatique industrielle GEII”). During the afternoon, a second conference and guided tour was delivered to **10 students and 1 professor** specialized in Physics from The University of Savoie-Mont Blanc (Chambéry, France – “Licence 3” degree equivalent to Bachelor’s degree third year).

This event has been an opportunity to:

- I. Comprehend the climatic and energetics challenges to be faced in the near future as well as the key role that will play renewable energies and Photovoltaics in order to achieve a sustainable green transition
- II. Present [ECOVEM](#)'s project
- III. Take ownership of the scientific and technological challenges related to solar photovoltaics and its synergies with microelectronics
- IV. Discover the latest scientific innovations in Photovoltaics
- V. Raise awareness of scientific culture
- VI. Discover both scientists' and trainers' work
- VII. Stimulate interest and generate vocations in scientific careers in photovoltaics and microelectronics engineering.



Following this event, professors in charge of the technical curriculum specialized in Energy from the University Institute of Technology of Grenoble (France) asked INES-PFE to organize an additional guided tour through INES-CEA and INES-PFE facilities (research laboratories and training platforms) on the 17<sup>th</sup> of November 2022. This guided tour will be coupled with a short version of ECOVEM training in Photovoltaics developed at INES (tailored course 6.1 – EQF 5).