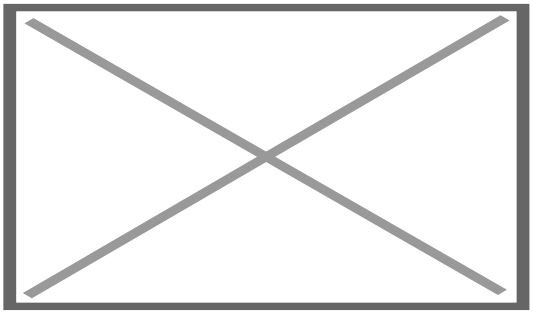
Advances in PhotoVoltaic Technology (AdPVTech) (TEP-983)



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Banner with images of researchers working with photovoltaic systems.

The main objective of AdPVTech is the development, modeling and evaluation of photovoltaic technology. The group has a multidisciplinary and international character with the purpose of address and proposing technological solutions to the different challenges of photovoltaic energy.

The main **research lines** of the AdPVTech are:

- Development and evaluation of new technologies
- Photovoltaic concentration
- Hybrid systems
- Integration in buildings and rural areas
- Photovoltaic cells, optical systems and heat transfer
- New materials
- Electrical modeling and energy evaluation
- Hardware and software development to improve O&M
- Economic evaluation of new technologies and systems