



# NEXTGEN 2017

Nanotechnology and Next Generation High-Efficiency Photovoltaics  
International School and Workshop  
Palma, Mallorca, Spain  
12-15 September 2017

## Scope

This event continues on the previous successful NEXTGEN NANO PV International Schools that were organized in Corsica-France (2013) and Menorca-Spain (2015). The main aim is to review the state of the art and exciting challenges related to the implementation of advanced photovoltaic technologies for solving the main problems in the development of cost-efficient and sustainable PV. The workshop will analyze and highlight the potential of new nanotechnology, materials and devices concepts for successful industrial implementation into new competitive PV technologies for the EU industry. At the same time, and unique in Europe, the School will provide a suitable platform for an efficient sharing of experience and visions between well-known experts from different academic, research and industry groups and young researchers.

## Keynotes and Invited Speakers

- Teodosio del Caño (Onyx Solar, Spain)
- Silke Christiansen (HZB, Germany)
- Stéphane Cros (CEA-LITEN, France)
- Gilles Dennler (IMRA, France)
- Sophia Fantechi (European Commission) (TBC)
- Victor Izquierdo-Roca (IREC, Spain)
- Robert Gehlhaar (IMEC, Belgium)
- Ivan Gordon (IMEC, Belgium)
- Johan Lauwaert (U. Ghent, Belgium)
- Elena Mas (UJI, Spain)
- Paul Pistor (Martin Luther Univ. Halle, Germany)
- C.M. Ruiz-Herrero (IM2NP, France)
- Ji-Sang Park (Imperial College, UK)
- Ayodhya Tiwari (EMPA, Switzerland)
- Teodor Todorov (IBM, USA)
- Roberto Turconi (ArcelorMittal, France)
- Bart Vermang (U. Hasselt, Belgium)
- Wolfram Witte (ZSW, Germany)
- Hui Zhang (ICFO, Spain)

**Org. Committee:** R. Benages (IREC, Spain), E. Chulilla (IREC, Spain), L. Escoubas (IM2NP, France), J. Le Rouzo (IM2NP, France), J.R. Morante (IREC, Spain), A. Pérez-Rodríguez (IREC, Spain), C.M. Ruiz-Herrero (IM2NP, France), E. Saucedo (IREC, Spain)



## Topics

- Advanced Silicon PV Technologies
- Cost efficient Thin Film PV Technologies
- New Earth Abundant Materials and Devices for PV
- Perovskites
- Organic, dye sensitized, and 3rd generation devices
- New devices architectures
- Reliability, scalability and transfer to industry. Niche application concepts
- Young scientists... Building the future of PV

## Scientific Committee

- Silke Christiansen (HZB, Germany)
- Gilles Dennler (IMRA, France)
- Ludovic Escoubas (IM2NP, France)
- Sophia Fantechi (European Commission)
- Friedrich Kessler (ZSW, Germany)
- Judikael Le Rouzo (IM2NP, France)
- J. R. Morante (IREC, Spain)
- Alejandro Pérez-Rodríguez (IREC, Spain)
- C.M. Ruiz-Herrero (IM2NP, France)
- Edgardo Saucedo (IREC, Spain)
- Teodor Todorov (IBM, USA)
- Bart Vermang (U. Hasselt, Belgium)
- Wolfram Witte (ZSW, Germany)

Abstracts submission deadline: June 26, 2017

Registration : June 12 – July 10, 2017

[www.nextgennanopv.com](http://www.nextgennanopv.com)