

November 4th - 8th, 2019 · Berlin - Germany

nanoGe
Fall
Meeting

OPV19_Organic Photovoltaics: recent breakthroughs, advanced characterization and modelling

Symposium organizers:



Jörg Ackermann
CINAM CNRS UMR, FR



Uli Würfel
Fraunhofer Institute
for Solar Energy
Systems ISE, DE

Topics:

- Material design of new donors and acceptors
- Fundamental understanding of physics and nanoscale morphology of non-fullerene acceptor based OPV through advanced characterization and modelling
- Material approaches to improve exciton and charge carrier transport in organic semiconductors
- Advances in experimental techniques to study organic semiconductors at nanoscale
- Fundamental understanding and controlling of degradation processes in OPV
- Role of additives and processing techniques in nanoscale control of organic semiconductors
- Material strategies and device concepts for eco-friendly organic solar cells
- Large area processing of high efficiency OPV
- Flexible and stretchable OPV

Invited speakers:

Harald W. Ade North Carolina State University, US
Sadok Ben Dkhil Dracula Technologies, FR
Derya Baran KAUST, SA
Thomas Kirchartz FZ Jülich, DE
Wouter Maes Hasselt University, IMO, Diepenbeek, BE
Iain McCulloch King Abdullah University of Science & Technology (KAUST), SA
Jenny Nelson Imperial College London, GB
Martin Pfannmöller EMAT, University of Antwerp, BE
Huifeng Yao Institute of Chemistry, Chinese Academy of Sciences (ICCAS)

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