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Nr.10

Great News come with the 10th Thinface/PCAM Newsletter.
Shahzada was awarded an ERC Consolidater grant.Congratulations!
Two network events come up: a workshop in Cracow where we are invited by the Jagiellonian University and our Summer School in San Sebastian which is organized by NanoGUNE. Please hand in your abstracts for the summer school as the deadline is on February 28.

Enjoy reading.
Yours,
Katharina Rubahn

**Scientific Breakthrough****New hole transport layers for PV technology developed at MCI, SDU**

Thin, crystalline films of Molybdenum oxide with very high work function have recently been developed at MCI, SDU.

[Read more](#)**Scientific Breakthrough****Tomographic analysis of organosilane modified PSi**

The controlled wetting of porous silicon surfaces by self-assembly of organosilanes is studied by focused ion beam tomography.

[Read more](#)

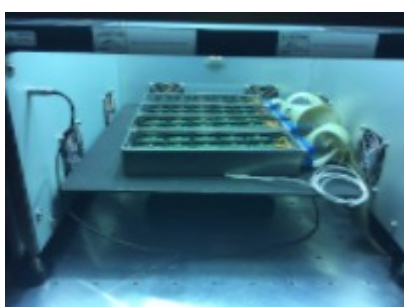


Award

Big honor to Thinface Scientist

Shahzada Ahmad received an ERC Consolidator grant for his contributions in the field of Molecularly Engineered Materials and Processing for Perovskite solar cell technology.

[Read more](#)



New organic PV project launched at MCI, SDU

MCI, SDU is lead partner of a new project that focus on improving the stability of organic solar cells. The project CompliantPV, launched in January 2017, is funded by in total 6 MDKK from the Villum Foundation

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**PHYSICS AND CHEMISTRY
OF ADVANCED MATERIALS
EUROPEAN DOCTORATE**

How to get your PCAM European Doctorate

In order to be awarded the PCAM European doctorate diploma, which almost all Thinface students can apply for, it is necessary to fulfill several requirements.



New building for organic electronics in Dresden

After more than 100 years in the old Beyer-Bau, the IAPP (Dresden

Integrated Center for Applied Physics and Photonic materials) moved to a new building.

[Read More](#)



Read our recent publications:

27. Crystalline Molybdenum Oxide Thin-Films for Application as Interfacial Layers in Optoelectronic Devices, André L. F.

Cauduro, Roberto dos Reis, Gong Chen, Andreas K. Schmid, Christophe Méthivier, Horst-Günter Rubahn, Léo Bossard-Giannesini, Hervé Cruguel, Nadine Witkowski, and Morten Madsen, ***CS Appl. Mater. Interfaces***

DOI: 10.1021/acsami.6b14228

26. Suzuki–Miyaura Micellar Cross-Coupling in Water, at Room Temperature, and under Aerobic Atmosphere, Sara Mattiello, Myles

Rooney, Alessandro Sanzone, Paolo Brazzo, Mauro Sassi, and Luca Beverina, *Organic*

Letters, 2017, 19 (3), pp 654–657.

DOI: 10.1021/acs.orglett.6b03817

25. Vacuum deposited perovskite solar cells employing dopant-free triazatruxene as the hole transport material, Laura Calió, Cristina

Momblonab, Lidon Gil-Escrigb, Samrana Kazim, Michele Sessolob, Ángela Sastre-Santosc,

Henk J. Bolinkb, Shahzada
Ahmad, Solar Energy Materials and
Solar Cells, 163, 2017, 237–241
DOI: 10.1016/j.solmat.2017.01.037

24. Cesium power: low Cs+ levels impart stability to perovskite solar cells, Melepurath Deepa, Manuel Salado, L. Calio, S. Kazim, S. M. Shivaprasadc and Shahzada Ahmad, Phys.Chem.Chem.Phys.,2017, 19, 4069
DOI: 10.1039/c6cp08022g

[Get an overview on all publications.](#)



Two Thinface events are in preparation: a workshop in Cracow and a summer school on 'Surfaces and Interfaces' in San Sebastian. More information on our [webpage](#). Here you will also find information on other Events.

How to get your PCAM European Doctorate

In order to be awarded the PCAM European doctorate diploma, which almost all Thinface students can apply for, it is necessary to fulfill the following requirements:

- Six months research stay in Institutions abroad different from that of the Ph.D. registration (this may be reduced to three months after applying to the PCAM Chairman).

- Two positive referee reports coming from countries that differ from the one the student has registered.
- One PCAM member of a University different of the University the student has registered participating in the oral defense.



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