

Summer School:

Stability, reliability and promises of organic systems



Monday: **Organic electronics**

- 9:15-10:00** Thomas Riedl: Robust electrodes and gas permeation barriers for organic electronics
10:15-11:00 Hagen Klauk: Organic thin-film transistors for flexible complementary circuits
11:15-12:00 Gregor Witte: Template controlled growth of organic thin films and their application in optoelectronic studies

Interfaces

- 13:15-14:00** Egbert Zojer: Modelling the properties of organic/inorganic interfaces
14:15-15:00 Dai Zhang: Fundamental studies of the nano-scale morphology issues in organic optoelectronic materials
15:15-16:00 Georg Koller: Growth and electronic structure at the organic/inorganic interface: a surface science view

Tuesday: **Devices: Stability and degradation processes**

- 9:15-10:00** Stefan Mogck: OLED Lighting - from Sheet-to-Sheet to Roll-to-Roll Fabrication
10:15-11:00 Frank Balzer: Morphological stability of organic nanofiber thin films
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13:15-14:00 Shahzada Ahmad: Perovskites a game changer in photovoltaics
14:00-16:00 **Student presentations**
18:00-20:00 **Poster session**

Wednesday: **MCI academy: Energy efficiency and climate actions** **Conference excursion, see separate Program**

Thursday: **Organic photovoltaics**

- 9:15-10:00** Carsten Deibel: Charge Transport and Recombination in Organic Solar cells
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11:15-12:00 Markus Scharber: Printable Thin Film Organic Solar Cells
13:15-14:00 Karl Leo: Organics - bad semiconductors for good devices
Transport properties and doping of small-molecule organic semiconductors
14:15-15:00 Karl Leo: Organics - bad semiconductors for good devices
Optoelectronic devices
15:15-16:00 Miguel Manso: Plasmonics for organic photovoltaics: facts and challenges

Friday: **Industrial implementation and workshop: Flexible and thin film solar cells**

- 9:10-10:00** Markus Scharber: Efficiency versus Costs – Economic Aspects of Printable Thin Film Organic Solar Cells
10:00-10:45 Thomas Knieling: Examples of hybrid electronics systems
10:45-11:00 Coffee break
11:00- 11:30 Vida Engmann: Strategies for improvement of organic solar cells efficiency
Workshop continues, separate program