

Conference Report

OSC 2009 (Organic Semiconductor Conference):
September 28-30, 2009 - London, UK

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General Summary

The 7th Organic Semiconductor Conference organised by *Cintelliq* and held at the Heathrow Marriott Hotel in London, brought a broad overview about industry's activities in the field of organic electronics. Dedicated to an "efficient exchange of technology knowledge between academia and industry", the industrial participation with around 75% was, however, quite dominant.

Four parallel sessions covered the topics "Organic Lighting", "Organic Photovoltaic", "Organic Transistors" and "Centres".

The Plenary Session was comprised of talks by speakers from **EC**, **TSB**, **Philips**, **Panasonic** and **Cintelliq**. **Augusto de Albuquerque** from the EC introduced new FP7 projects and critically discussed the missing commitment and readiness of the European industry to heavily participate in EU projects. He said that European research on organic electronics is excellent, but industrial implementation and process transfer is absolutely too weak.

Organic Transistors Session:

PolyIC very impressively presented their activities on roll-to-roll printed electronics. Especially their new roll-to-roll electrical characterisation tool is outstanding. PolyIC definitely is one of the main drivers of this field.

Many contributions dealt with new materials on the dielectric's as well as semiconductor's market. Sociétés like **Polyera** and **Merck** offered complete packages of dielectrics, p- and n-type materials, but only as "black boxes", without any useable information for research partners. The application of metal oxides (e.g. ZnO) with liquid precursors as high-quality n-type semiconductors presented by **Evonik Degussa** is remarkable.

The topic of nanoimprinting in organic electronics was only addressed in 2 talks by **Joanneum Research**, but nevertheless seemed to generate quite much interest in the community.