



Dear readers,

Times are busy for PolyIC after the move of the entire company from

Erlangen to Fuerth into our new home in Tucherstrasse (as reported in our last issue), with inaugural visits of politicians, cooperation partners as well as other interested parties.

An extraordinary highlight was the visit of the Fuerth City Mayor, Dr. Jung, who welcomed the high tech company PolyIC to his city.



From left to right: PolyIC Managing Directors Dirk Bockwinkel and Wolfgang Mildner, Head of Applications Dr. Wolfgang Clemens, Economic Officer Horst Mueller and Mayor Dr. Thomas Jung of the city of Fuerth.

Of course, with all these visits, we still keep busy on the work, the development and application projects. Here among other things can you read about some functions that the first simple PolyIC RFID products would implement.

We hope you enjoy the reading.

Yours,

Wolfgang Mildner



Managing Director
PolyIC GmbH & Co.KG

Applications

First products in 2007

As announced before, PolyIC will present printed RFID tags in the course of this year as well as production of first products in 2007.

These first products will show what printed electronics is already able to do and will present an insight into what will be possible in the future.

The RFID tags will be based on the standardized "High frequency" – HF, e.g. 13.56 MHz carrier frequency. PolyIC protected the brand name "PolyID™" worldwide for these tags.

The products, which will be introduced next year, can be used for several applications, some of them being in the fields of Brand

Protection, basic logistics or other applications that demand a simple, definite electronic identification without line of sight.

The readers are developed by SIEMENS. Besides RFID tags, other applications are also thinkable.



Printed RFID tags for Brand Protection

Research & Technology

Further progress in the government funded projects

After the move into the new building, the PolyIC laboratories are now entirely functional.

Because of the proximity to KURZ, PolyIC profits from synergies in the printing process and therefore, the development progress has increased. This is reflected in the progress of our funded projects by the German Federal Ministry of Education and Research (BMBF).

The project ProPolyTec concentrates on the development of printing techniques, in particular on the development of registration accuracy for the structure of the top electrodes.

This is important for the high performance of circuits. The project CosMOS deals with more efficient CMOS – like circuits for the second generation of printed electronics.

A result of this project is that the efficiency of an organic circuit can be significantly improved by a combination of different semi-conductors (for example n- and p-conducting).

In the course of the government funded project PRISMA, PolyIC works together with various partners to develop scenarios to apply printed RFID tags in real world situations.

Further information on our funded projects can be found at:
<http://www.polyic.com/en/projects.php>

Internal

Go, Power Team go!

The PolyIC/KURZ Power Team and its fan club participated in the second “corporate run” of the metropolitan region Nuremberg on May 18th, 2006. The team managed the distance of 8 km (approx. 5 miles) easily.

The goal of the “corporate run” was to demonstrate the concentrated economic power of the resident companies in the region.



By the conjoint participation, the team spirit could be further strengthened. This was also noticed at the FunRun33 on June 29th, 2006 when the teams ran 33 km (approx. 20.5 miles) single or 3 x 11 km (approx. 7 miles) relay through Nuremberg and Fuerth, while it was raining cats and dogs.

As is customary now in marathons the time of the runners was taken by the means of RFID.

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Conferences

PolyIC will present and demonstrate the most recent achievements at this event Annual conference of OE-A from September 25th until 27th 2006 in Frankfurt/ Germany

The Organic Electronics Conference and Exhibition (OEC-06) is the premier international event for scientists, engineers, manufacturers and investors in organic semiconductor technologies and plastic electronics.

OEC-06 aims to cover the whole of the industry including integrated circuits, photovoltaic, memory devices, display, RFID, smart packaging, sensors, offset deposition systems, ink-jet deposition systems, vacuum deposition systems, gravure deposition systems, flexographic deposition systems, roll-to-roll deposition systems.

Why OEC-06?

OEC-06 is unique because it is industry-driven: planned, organised and delivered by industry insiders who understand the issues faced in researching, developing and commercialising

this technology, and who are committed to helping the industry to grow.



OEC-06 is organised by industry specialist cintelliq, which has run the Organic Semiconductor Conference series since 2003, and by the Organic Electronics Association (OE-A), the key industry association for organic electronics in Europe.

OEC-06 is the OE-A's official conference and exhibition for 2006.

More about this conference at:
<http://www.oea-osc.com/>

Network

OE-A: PolyIC participates in the compilation of the OE-A roadmap

Together with the OE-A, PolyIC develops a roadmap for the future development of organic electronics seen from a technology as well as from a applications point of view.

First roadmap results will be presented at the Organic Electronics Conference and Exhibi-

tion (OEC-06) in Frankfurt as well as demonstrators of devices made of organic electronics.

These demonstrators, build conjointly by OE-A members, will show what organic electronics can already do.

More about the organisation OE-A at:
<http://www.oe-a.org/>

PolyIC

is a member of:

www.polyic.com

oe-a
Organic Electronics
Association

www.oe-a.org

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www.epcglobal.de