Printing Future Days 2017 - Final Day & Awards Ceremony

The first session "Functional Printing III" of the last conference day was opened by Mr. Bernhard Büth from the Haldenborger Druckmaschinen AG, Germany with a keynote talk on "Challenges and solutions for the digital printing of three-dimensional objects".

During this morning session the international presenters covered highly interesting topics, including investigations on inkjet-printed bypass diodes, carbon material for printed super capacitors and ink-jet printed flexible sensors.

The day continued with diverse high-ranking presentations on "Graphic Printing & Media" and "Smart Textiles & Wearable Electronics", including the presentation of Vahid Ahleforall from Novacentur (Austria, USA) on "Manufacturing of Washable Printed Electronics".

The grand finale of the 7th Printing Future Days conference was the awards ceremony in the afternoon. The Printing Future Days Awards recognizes outstanding progress in research and development of printing and printed electronics.

The Best Poster Award - nominated by all conference attendees - was given to Abdullah Alali, Technische Universität Chemnitz, for his poster "Manufacturing of all inkjet-printed organic photovoltaics based on conventional architecture and evaluating its suitability for flexible electronics".

Figure 1: Best Poster Award winner Abdullah Alali, Technische Universität Chemnitz (right).

Reinhard R. Baumann (conference director) and Goran Djordjic (login) especially acknowledged the excellent contributions of undergraduate students. The award for the best paper presentation was given to Evelyn Lorenz, Technische Universität Chemnitz, who gave a talk on "Investigation on inkjet-printed bypass diodes for thin film organic photovoltaics". By tradition, she was asked to give an invited talk at the next series conference, the 15th International Research Conference in Warsaw, September 2018, covering the improvement in her scientific work.

Figure 2: Best paper presentation by Evelyn Lorenz, Technische Universität Chemnitz (right).

Mustafa Bilgin, Bergische Universität Wuppertal, was awarded the microFLEX-Award for his research on "Intelligent codes by controlled responsiveness to external stimuli". The prize was awarded and sponsored by the Technische Universität Chemnitz, Ralf Küsters, Novacentur, 3D Microtec and Fraunhofer IIS.

Figure 3: Best poster presentation by Mustafa Bilgin, Bergische Universität Wuppertal (right).
THE NEXT PRINTING FUTURE DAYS CONFERENCE FOR YOUNG SCIENTISTS WILL BE HELD IN CHEMNITZ IN 2019.

Printing Future Days 2017 – Second Conference Day

On Thursday, the second conference day, the first session „Applications II“ was opened by Prof. Yvonne Joseph from the Technische Universität Bergakademie Freiberg with an impressive overview on „Materials for Printed Chemical Sensors“. At the end of the morning sessions, the Interactive Poster Session was opened, where everyone had the opportunity to exchange ideas and ask questions to the respective authors. The conference attendees have the chance to nominate the best poster for the Printing Future Days Best Poster Award, which will be awarded on the last conference day.

Interactive Poster Session

The day continued with two afternoon sessions, „Rol2Rol“ and „Digital Fabrication“. The second session was particularly outstanding due to its interdisciplinary topics on printing and micro-manufacturing by the two professors: „Digital Printing and Imaging Technology“ and „Micro-manufacturing Technology“ of the Technische Universität Chemnitz.

To complete this second conference day filled with excellent presentations, and to continue the scientific exchange and networking, the conference dinner was held at the restaurant Esprit in Chemnitz.

Printing Future Days 2017 – First Conference Day

Today, the 15TH PRINTING FUTURE DAYS (PFD) conference was officially inaugurated by Prof. Dr. Maximilian Eibl (vice President for Academic and International Affairs at the Technische Universität Chemnitz, Germany), Prof. Dr. Reinhard R. Baumann (head of the department of Digital Printing and Imaging Technology at the Technische Universität Chemnitz and the department of Functional Printing of Fraunhofer Institute of Electron Nanosystems (IVN), Germany) and Dr. Geradt Golob (representative of Ningbo and University of Ljubljana, Slovenia).

Figure 1: from left to right: Prof. Dr. Maximilian Eibl, Prof. Dr. Reinhard R. Baumann and Dr. Geradt Golob

This Printing Future Days conference is the place to be for junior scientists and doctoral students dealing with current and hot research topics concerning printing technology and printed functionality. For the next three days junior scientists from around the world, including Germany, Taiwan, USA, Russia, UK, Spain, Belarus and Serbia gather in Chemnitz to present their research findings and network with major players from the printing and printed electronics industry.

On Monday morning, the official opening ceremony of the Printing Future Days conference was held.
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