

A letter from the Editor

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The first published article in the September issue is an original scientific paper on the prediction of ink-film thickness in offset lithographic printing using machine learning. The accuracy of prediction achieved in lab conditions is a promising alternative to the methods used for decades on production presses.

The next two papers were submitted for publication by experienced and well-known researchers in their specific fields. One of them, a review paper, brings an overview of already known methods in two-dimensional error correction on the web guiding on the printing and converting machines with upgrading by the next step in the development of an original idea for solving this issue. The other one, the position paper, is a challenge not only in terms of terminology but also in our understanding of phenomena related to printing and similar technology. I really hope we will receive some replies and maybe even open a discussion on the differences and the proper use of the terms ‘surphase’ and nowadays common use of ‘surface’ in describing (and understanding) the interactions at the boundary between two layers i.e. of the solid substrate in contact with a liquid material.

The fourth paper is a case study dealing with a visual language used in the design of packaging manufactured from natural materials where their composition, form, and visual presence show their origin and encourage their use in a sustainable way; however, the consumers may need more information and guidelines for their proper reuse, recycling or deposition after use.

An overview of newly accepted and re-confirmed ISO standards is presented in the News&more section of Topicalities, prepared by Associated Editor Markéta Držková (marketa.drzkova@jpmtr.org). On the Bookshelf, you can find a short introduction of the books on materials used in contemporary printed electronics, textile and industrial printing, book markets, and design of print products, as well on some other topics like Adobe tools used in pre-press and the history of printing.

Traditionally three theses from the fields within the scope of the Journal, defended worldwide, are presented. Tobias Bertel finished his thesis on image-based rendering of real environments for virtual reality at the University of Bath, United Kingdom. The thesis on analyzing droplet positioning in inkjet printing was defended by Claus Schneider at the Technical University of Darmstadt, Germany. The third presented thesis on printed and templated 3D MXene (inorganic nanomaterial consisting of layered metal carbide with functional groups) for energy storage applications was defended by Dahnán Spurling at Trinity College Dublin, Ireland.

In the Event section, an overview of conferences and symposia is presented, covering different fields from conventional printing, packaging, color and imaging, and printing history; also AI is a topic. Some of the events are organized as partly online or hybrid events; however, most of them can be attended in-person.

After the successfully finished joint 49th International Research Conference of **iarigai** and 54th Annual Conference of International Circle in Wuppertal, Germany, where a lot of interesting research results were presented, we are expecting some new contributions from the attendees. Besides the conferences, the future and some changes regarding the Journal were discussed. Currently, we are in the transition period, after which the already elected new Editor-in-Chief, Daniel Bohn from the University of Wuppertal, supported by his colleagues, will take charge after the December 2023 issue of the Journal. A part of this transition is also of a more technical nature, actually, moving the archived issues and other server content to the same ISP, where the iarigai website, including regular access to the Journal, is already hosted. We will do our best to keep the system working smoothly.

We are convinced that in the future the Journal will continue as an appropriate option for publishing the research results of our readers.

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