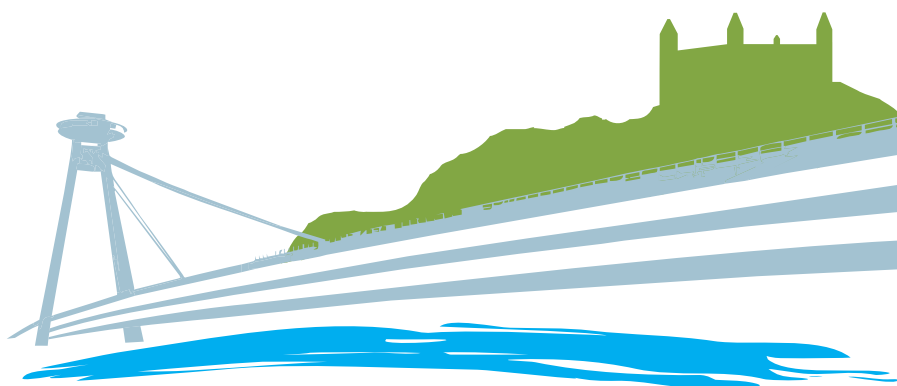


# WPP PA

**Wood, Pulp & Paper  
Polygrafia Academica**

**2020**

11<sup>th</sup> and 12<sup>th</sup> March 2020  
hotel Saffron, Bratislava, Slovakia



[wpppa.educell.sk](http://wpppa.educell.sk), [opaf.sk](http://opaf.sk)

# Wood, Pulp and Paper 2020

## **Research, Innovations and Technology development – the key for sustainability and competitiveness of Lignocellulosic Biobased Industry**

The European industry based on lignocellulosic sources is the only mainstream industry that is both renewable and recyclable. It has therefore been uniquely placed to create new sustainable opportunities for the European circular bioeconomy. Maintain competitiveness and reduce impact on the environment is a driving force for research, innovation, and increase technological efficiency of Lignocellulosic Biobased Industry.

The European forest fibre and paper industry is at the forefront of a low-carbon bioeconomy in which renewable raw materials replace fossil resources, improving the environment, as well as the quality of everyday life. (CEPI Sustainable report)

### **Main topics of conference**

- Sustainability and competitiveness lignocellulose biobased industry (economical, technological, social and ecological aspects)
- Current products trends challenges and the research and education response (pulp, paper, recycling, etc.)
- Future novel products and applications, trends, challenges and the research and education response (NFC, NCC, bioplastics and composites)
- Process innovation (raw materials sourcing and efficiency and on energy reduction)
- Pulp and paper recycling contribution to the Europe's Circular Economy
- Preservation of natural and cultural heritage from biobased sources

**Thematical coverage of the conference:** Sustainability and competitiveness lignocellulose biobased industry; Future and trends in pulping, papermaking, packaging and wood processing; Raw materials and energy reduction in Pulp and Paper Industry; Pulp and paper recycling contribution to the Europe's Circular Economy; Innovative materials and technology development; Potential of lignocellulose materials for bioplastics and biocomposites; Cellulose micro and nanofibers, nanocrystals and nanocomposites, Reducing the negative impact on the environment, Preservation of natural and cultural heritage from biobased sources.

The aim of the conference is the meeting and discussion of domestic and foreign experts on mentioned topics, the development of cooperation in research, development, production and education.

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Joined conference Wood, Pulp and Paper and Polygrafia Academica 2020 is organized by the 80<sup>th</sup> anniversary of Faculty of Chemical and Food Technology Slovak University of Technology in Bratislava and by the 46<sup>th</sup> anniversary of Department of Graphic Arts and Applied Photochemistry. The conference program will consist of the joint plenary and two separate sections of Wood, Pulp and Paper 2020 and Polygrafia Academica 2020. The language of the conference is Slovak/Czech and English, with the simultaneous translation into English and Slovak.

The Anniversary meetings will be held at the end of the first day of the conference.

# Polygrafia Academica 2020

## Objectives of the Conference

The conference aims to exchange knowledge of the state, current issues, and prognosis in the printing industry, packaging industry, and in printing education. The latest news from the field of materials, machinery, and equipment, and new technologies for the printing and packaging industry will be presented and discussed. Presentation of the results of academic research and other polygraphically oriented workplaces will also take place.

## Content

The content of the conference will be polythematic. The program committee reserves the right in case of short lectures and information to decide on the inclusion of the contribution to the conference program.

## The conference is intended for

The conference is addressed to workers of the printing and packaging industry, materials and equipment suppliers, for the advertising agencies, printing education, and research staff, as well as those interested in the printing industry.

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**Fotografia Academica 2020**

7<sup>th</sup> biennial Photography competition for young Slovak students.

## Conference Organisers

Department of Wood, Pulp and Paper and Department of Graphic Arts Technology and Applied Photochemistry of Institute of Natural and Synthetic Polymers, Faculty of Chemical and Food Technology, Slovak University of Technology in Bratislava, Pulp and Paper Research Institute in Bratislava, Slovak Society of Industrial Chemistry, Association of Graphic Arts Industry in Slovakia

## Honorary committee

Anton Gatiaľ, Dean of Faculty of Chemical and Food Technology, STU Bratislava; Miroslav Vajs, President of the Association of Pulp and Paper Industry of the Slovak Republic; Peter Blubla, President of the Association of Graphic Arts Industry in Slovakia; Igor Patráš, President of Slovak Association of Wood Processors, Slovak Republic

## Program Committee

Michal Čeppan, Katarína Vizárová, Ivan Hudec and Svetozár Katuščák (STU Bratislava), František Kačík and Anton Geffert (Technical University in Zvolen), Igor Majnarić (University of Zagreb), Miroslav Milichovský and Tomáš Syrový (University of Pardubice, Czech Republic), Konrad Olejnik (Institute of Papermaking and Printing, TU Lodz), Štefan Boháček (Pulp and Paper Research Institute, Slovak Republic), Michal Veselý (Chemical Faculty, VUT Brno, Czech Republic), Michal Jablonský, Radko Tiňo, Milan Mikula and Štefan Šutý (STU Bratislava), Ladislav Záhumenský (consultant in Printing industry)

## Organizing committee

Vladimír Dvonka, Igor Šurina, Lukáš Gál, Aleš Ház, Viera Jančovičová, Katarína Čížová, Pavol Gemeiner, Soňa Malečková, Michal Hatala, Ida Skotnicová

## Instruction for the authors

The speakers should represent their results in a compact form with the duration of the lecture up to 20 minutes. The short comment speakers should present their contributions up to 10 minutes. Those who wish to contribute with a poster should prepare it with the size 95 × 120 cm. **Short abstract** (2 – 5 sentences) **should be sent until January 5<sup>th</sup>, 2020**. Confirmation of paper acceptance – till January 10<sup>th</sup>, 2020. **The full-text paper contribution should be sent until January 31<sup>st</sup>, 2020**, from 4 to 6 pages A5 format. All contributions and posters presented at the conference will be included in the peer-reviewed ISBN conference proceedings.

## Registration

The information concerning the fee, registration information, and forms will be available on the web page of the conference [wpppa.educell.sk](http://wpppa.educell.sk). The early registration is till January 30<sup>th</sup>, 2020 – 225 € (150 € students), registration after January 31<sup>st</sup>, 2020 – 350 € (200 € students). Registration fees include lunches, Anniversary Meetings, visit the Opening of Fotografia Academica 2020 competition and a copy of the conference proceedings.

## Sponsors

Companies and organizations wishing to become sponsors should contact the Conference Secretariat. Sponsor contributions will be used to set some conference expenses off, and consequently, to keep costs for attendees at a minimum level. The opportunities for sponsorship will be published on the web page of the conference.

## Social program and accompanying events

**Gala dinner and meeting of alumni**, students, and friends of the **Department of Wood, Pulp and Paper**, Slovak University of Technology and **meeting of alumni**, students, and friends of the **Department of Graphic Arts Technology and Applied Photochemistry**, Slovak University of Technology. Vernissage of the student photo contest **Fotografia Academica 2020**, more information on: [fotografiaacademica.zenfolio.com](http://fotografiaacademica.zenfolio.com).