



**INTERNATIONAL**

## INVITED SESSION SUMMARY

**Title of Session:**

Information Technology and Information Systems in Accounting, Finance and Controlling

**Name, Title and Affiliation of Chair:**

Arkadiusz Januszewski, Ph.D. Associate Professor, Bydgoszcz University of Science and Technology, Poland  
85-796 Bydgoszcz, Prof. S. Kaliski Avenue 7, Poland

**Co-chair:**

Dariusz Żółtowski, PhD, Bydgoszcz University of Science and Technology, Poland  
85-796 Bydgoszcz, Prof. S. Kaliski Avenue 7, Poland

**Details of Session (including aim and scope):**

**Aim:**

Digital transformation covers more and more areas. In recent years, an increased development of Information Technologies (IT) and Information Systems (IS) as well as their applications in accounting, finance and controlling (AF&C) processes has been observed. This applies to both systems and tools for business data analysis, as well as the use of tools for intelligent automation of financial and accounting processes. The digital transformation in accounting and finance increases the demand for highly qualified employees with digital competences.

The aim of the session is to create an opportunity to present research results, exchange experiences and discuss the issues of Information Technologies and Information Systems in Accounting, Finance and Controlling.

We are waiting for articles describing the results of quantitative research, qualitative research, as well as case studies.

**Scope (will not be restricted to):**

Big Data, Business Analytics and Business Intelligence in AF&C

Digital Transformation in AF&C (e-invoices, e-tax, etc.)

Intelligence Process Automation in AF&C (Robotic Process Automation, artificial intelligence, machine learning, workflow, etc.)

Bitcoin, cryptocurrencies and blockchain technology in Finances and Accounting

IT based Fintech applications in FA&C

Accounting Information Systems and Enterprise Resource Planning systems implementation

Experience and best practices in implementing IS/IT in the financial management of organizations

Knowledge Management in AF&C

AF&C services in cloud computing and Software as-a-Service model

Impact of digital transformation on the accounting profession

Digital competences of Accountants and Managers

IT and IS in Accountants, Financial Controllers and Managers education

**Main Contributing Researchers / Research Centres (tentative, if known at this stage):**

Bydgoszcz University of Science and Technology

University of Gdańsk

University of Economics in Katowice

**Website URL of Call for Papers (if any):**

**Email & Contact Details:**

arkadiusz.januszewski@pbs.edu.pl

+48 608-442-152

dariusz.zoltowski@pbs.edu.pl