



**International Conference on:**

***“Perspectives in Industry Digitalization and Advanced Manufacturing in the Black Sea Region”***



**November 18<sup>th</sup>, 2020**

**Zaporizhzhya Polytechnic National University Zaporizhzhya, Ukraine**

in cooperation with

**National University «Yuri Kondratyuk Poltava Polytechnic» Poltava, Ukraine**

**Lviv Polytechnic National University Lviv, Ukraine**

## **Background**

*Industry is one of the pillars of the European economy – the manufacturing sector in the European Union accounts for 2 million enterprises, 33 million jobs and 60% of productivity growth. The ubiquitous use of sensors, the expansion of wireless communication and networks, the deployment of increasingly intelligent robots and machines – as well as increased computing power at lower cost and the development of 'big data' analytics – has the potential to transform the way goods are manufactured in Europe.*

*The European Parliament laid down a financial envelope for the Digital Europe Programme for the period 2021-2027 and introduced a special definition for European Digital Innovation Hubs for the purpose of transparent distribution of funds. The European Digital Innovation Hub is a legal entity selected to provide or ensure access to technological expertise and experimentation facilities, to enable the digital transformation of industry, as well as facilitate access to finance.*

*As information communication technologies (ICT) facilitate the networked manufacturing systems, implying interoperable systems, information interchange, and decentralized control and decision-making, the need for coordinated efforts among industries and countries from the Black Sea region is more important than ever.*

## **Purpose**

*The event aims to offer a framework for exchanging good practices and sharing models for developing cooperation between universities and socio-economic community as innovation clusters, networks and project consortia, where IT & C Solutions including artificial intelligence and other tools could contribute towards Industry Digitalization.*

## **Participants**

*At the event, there will be invited decision makers, government representatives, members of parliament, representatives of local authorities, academics, students, experts in the field, ambassadors and representatives of diplomatic missions of EU and neighbouring countries and other international organizations, journalists.*

## **Scientific Committee**

Prof. Sergey Subbotin, NU "Zaporizhzhia Polytechnic", Ukraine  
Prof. Galina Shilo, NU "Zaporizhzhia Polytechnic", Ukraine  
Prof. Galyna Tabunshchuk, NU "Zaporizhzhia Polytechnic", Ukraine  
Dr. Anzhelika Parkhomenko, NU "Zaporizhzhia Polytechnic", Ukraine  
Prof. Oleh Matviyuk, Lviv Polytechnic National University, Ukraine  
Prof. Mykhaylo Lobur, Lviv Polytechnic National University, Ukraine  
Prof. Duriagina Zoya, Dortmund University of Applied Sciences and Arts, Germany  
Prof. Carsten Wolff, Dortmund University of Applied Sciences and Arts, Germany  
As. Prof. Joost Vennekens, Katholieke Universiteit Leuven, Belgium  
Prof. Karsten Henke, Technical University of Ilmenau, Germany  
Dr. Peter Arras, Katholieke Universiteit Leuven, Belgium  
Prof. Doru Ursutiu, University of Transylvania at Brasov, Romania  
Prof. Ioan Sacală, "Politehnica" University of Bucharest, Romania

## **Organizing Committee**

Prof. Sergiy Byelikov, National University "Zaporizhzhia Polytechnic", Ukraine  
Prof. Volodymyr Onyshchenko, National University «Yuri Kondratyuk Poltava Polytechnic», Ukraine  
Prof. Yurii Bobalo, Lviv Polytechnic National University Lviv, Ukraine  
Prof. David Luengo, Madrid Polytechnic University, Spain  
Prof. Dr. Peter Schulz, HAW Hamburg  
Mykhaylo Bubnov, CEO of Schneider Electric, Ukraine

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