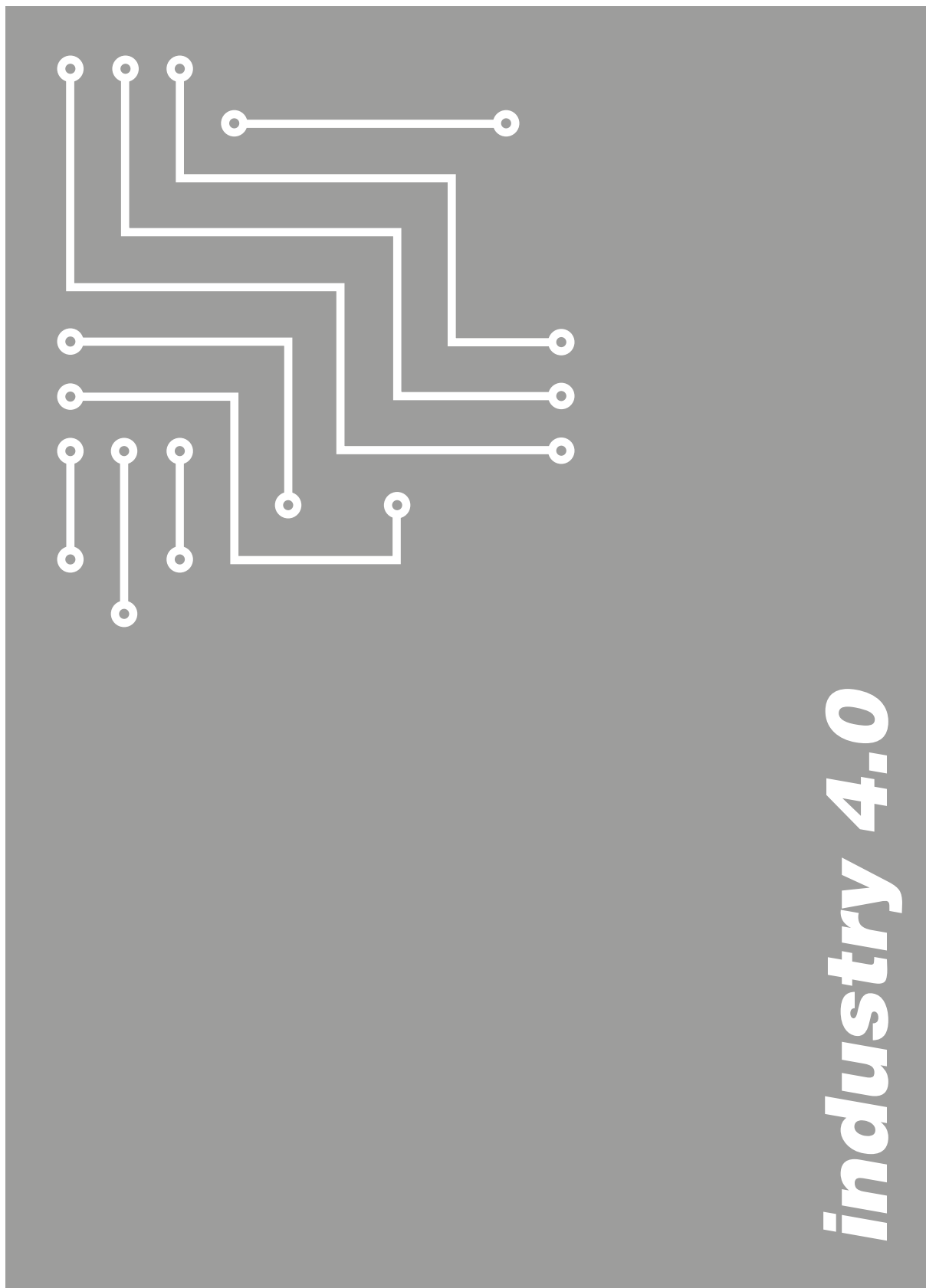


plakat *poster* 2021



industry 4.0

Automation of manufacturing, people being replaced by bots, smart homes, autonomous vehicles, the Internet of things – this is the reality of the 21st century. And therein a man – the same as 100 years ago...

On the one hand, the enormous scale and dynamics of the most recent Industry 4.0 revolution affect the labour market and the employment environment in a way that may cause concerns for workers. According to labour market forecasts, up to 800 million people are expected to undergo retraining or lose their jobs. Reduced demand for employment may have a negative impact on e.g. administrative workers and those performing repetitive manual work. Their tasks may be taken over by machines programmed to follow preset algorithms. In this pessimistic scenario, changes may affect up to 1/5 of the work force. On the other hand, the underlying intention to improve the work process and management of companies as well as to facilitate making the right decisions in all economic sectors should not be disregarded. Moreover, new jobs are created and new professions emerge as a result of the Industry 4.0 revolution. In particular, the demand for skills that machines fail to deliver will increase. The question therefore arises – what kind of workers will be employed in the Industry 4.0 economy?

The Industry 4.0 revolution brings education, especially in the workplace, to the spotlight. The use of modern technologies in the economy requires both proper education and training for young people entering the workplace and the development of qualifications of experienced staff. Moreover, such an approach provides a sound basis for smart adaptation to technology. If technology is to serve people effectively, it should be implemented in a reliable but also creative way – in order to mitigate the employees' sense of threat arising from the competition with machines and to develop positive attitudes towards changes in the work process.

While implementing Industry 4.0 technologies and processes, attention should be paid to threats likely to result from work involving limited contact with co-workers. The need to make independent decisions, requirements related to processing large data sets, as well as highly dynamic work environment and cooperation with cobots (robots cooperating with humans) should be addressed as well. Cobots – which is worth mentioning – unlike industrial robots, do not require specialized safety systems.

Awareness of the risks and opportunities associated with the Industry 4.0 revolution will allow for a significant increase in productivity, while maintaining professional fulfillment and satisfaction with one's professional situation. Additionally, it will help to overcome the mental barrier and the natural human fear of the "new and unknown".

industry 4.0

Patronage

Ministry of Economic Development, Labour and Technology
Chief Labour Inspector

Organisers

Central Institute for Labour Protection – National Research Institute in Warszawa
Faculty of Industrial Design, Academy of Fine Arts in Kraków
Faculty of Industrial Design, Academy of Fine Arts in Łódź.
Faculty of Industrial Design, Academy of Fine Arts in Warszawa

Subject

Industry 4.0

Purpose

To obtain original designs of posters promoting occupational safety and health protection of man in the working environment.

Participants

Artists – members of artists' unions, graduates and students of academies and faculties of fine arts and related faculties – in Poland and abroad.

Detailed information

Designs should be arranged vertically and sent via e-mail in an electronic version in a format that allows the poster to be printed in size 50 x 70 cm. Poster technical requirements: resolution 300 dpi, RGB, file type: jpg (maximum quality).

Each file should be given a name consisting of author's full name (according to the format: **surname_name**). If submitting more than one design, please add identification numbers e.g. **surname_name_1**, **surname_name_2** etc.

If submitting a series, please remember to name each file according to the format: **surname_name_seria_1**, **surname_name_seria_2** etc.

To each submitted poster please enclose a scan or a photo of the written statement. Handwritten signature is required. The statement is published on the website: www.ciop.pl/konkurs_na_plakat.

Deadline

Designs in the electronic version should be sent to the Organiser via e-mail: maols@ciop.pl by **12 April 2021**.

Exhibition

The Organiser plans to hold a post-competition exhibition and to issue a catalogue with designs selected by the Jury, including prize-winning and distinguished designs. The opening of the post-competition exhibition and the awards ceremony is planned for **June 2021**.

industry 4.0

Jury

Prof. Tomasz BOGUSŁAWSKI – Academy of Fine Arts in Gdańsk

Marta DERLICKA – Central Institute for Labour Protection – National Research Institute

Prof. Adam GEDLICZKA – Academy of Fine Arts in Kraków

Renata GÓRNA – All-Poland Trade Union Alliance

Prof. Sławomir IWĄŃSKI – National Film, Television and Theater School L. Schiller in Łódź

Prof. Danuta KORADECKA, Ph.D., D.Med.Sc. – Central Institute for Labour Protection – National Research Institute

Jacek PAWILONIS – National Labour Inspectorate

Mieczysław PIRÓG, Ph.D. – Academy of Fine Arts in Wrocław

Prof. Władysław PLUTA – Academy of Fine Arts in Kraków

Zdzisław SCHUBERT – The Poster and Design Gallery of the National Museum in Poznań

Prof. Marek STAŃCZYK – Academy of Fine Arts in Warszawa

Wiktor Marek ZAWIESKA, Ph.D. (Eng.), D.Sc. (Eng.) – Central Institute for Labour Protection – National Research Institute

representative of the Chief Sanitary Inspectorate

representative of the Ministry of Culture, National Heritage and Sport

representative of the Ministry of Economic Development, Labour and Technology

representative of the Solidarity Trade Union

Prizes

1st prize of PLN 5,000

2nd prize of PLN 3,000

3rd prize of PLN 2,000

and 5 honourable mentions of PLN 1,000

The Jury reserves the right to distribute the prizes in any other manner.

Prize-winning and distinguished designs remain a property of the Central Institute for Labour Protection – National Research Institute and may be used in all fields of exploitation. Other designs qualified for the exhibition and the catalogue remain a property of the Institute only in the field of the exhibition and the catalogue printout.

*Entry submission is equivalent to the acceptance of the competition rules, terms and conditions. **The competition rules are available on the Institute website: www.ciop.pl/konkurs_na_plakat and in the premises of the Institute.***

Address

*Central Institute for Labour Protection – National Research Institute,
Czerniakowska 16, 00-701 Warszawa, Poland*

Competition enquiries

Magdalena Olszowy, phone (48) 22 623 37 26, e-mail: magdalena.olszowy@ciop.pl