

LIGHT 2023
30th INTERNATIONAL TRADE SHOW OF LIGHTING EQUIPMENT

ELECTRICITY 2023
20th INTERNATIONAL TRADE SHOW OF ELECTRIC FITTINGS
AND SECURITY SYSTEMS

15-17 March 2023



Honorary Patronage of the Ministry of Development and Technology
and the Polish Investment and Trade Agency



Ministry of Economic Development and Technology
Republic of Poland



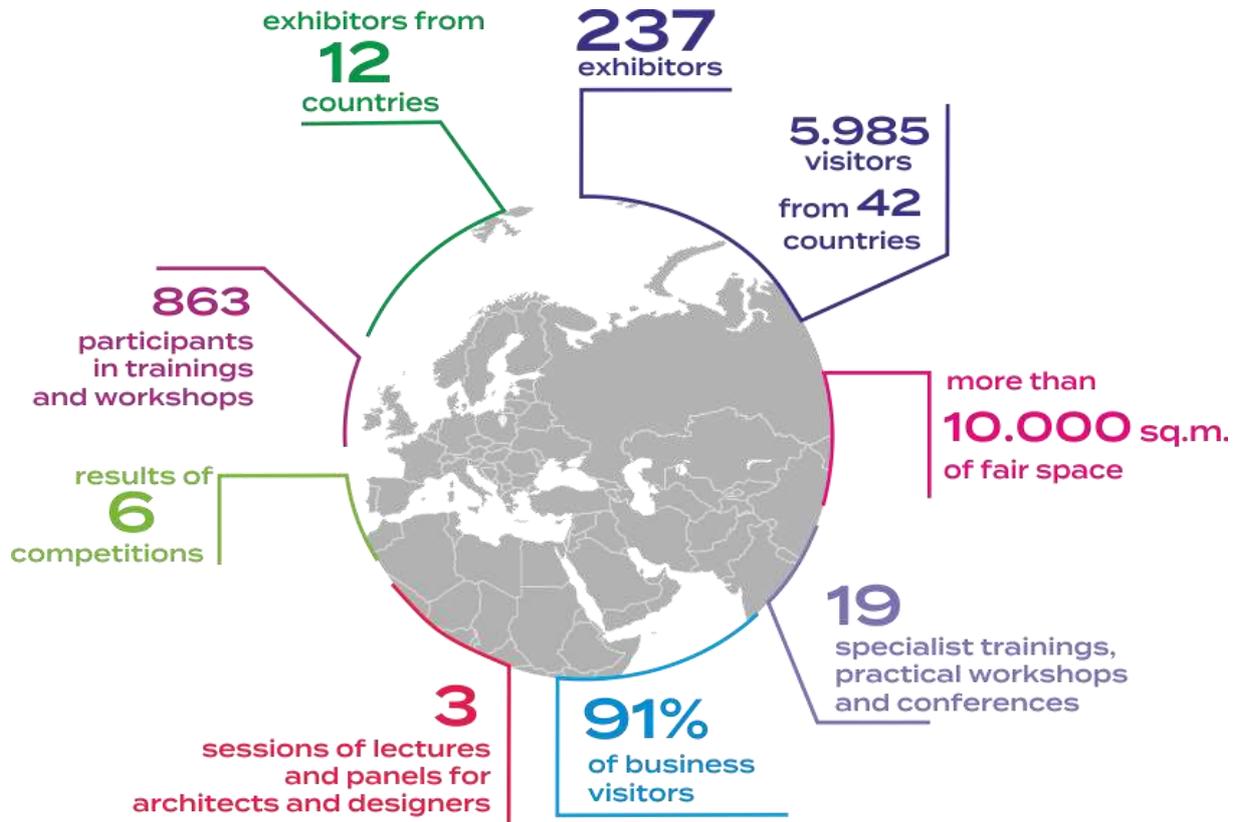
On 15-17 March, EXPO XXI in Warsaw was the venue of the 30th International Trade Show LIGHT 2023 and the 20th International Trade Show ELECTRICITY 2023.

The International Trade Show Light and the International Trade Show Electricity are one of the most important events – not only in Poland but also in Europe – aimed at presenting products, technologies, innovations in the broadly interpreted area of lighting, electrical engineering, automation, telecommunications engineering and new technologies.

237 exhibitors, rich programme of accompanying events such as workshops, discussion panels and industry-related consultations, as well as exhibitions and shows for visitors – the edition that has just ended not only proved that the trade shows came back in an excellent form but also are the most important place for meetings of representatives of the industry and science in the Central and East of Europ.

In spite of the difficult pandemic time and the crisis caused by the war in Ukraine, a unique platform for B2B contacts was organised which presented in very good light both the developing Polish technoligal achievements and the entrepreneurs' involvement in the development of lighting and electrotechnical sector in Poland.

TRADE SHOW IN NUMBERS



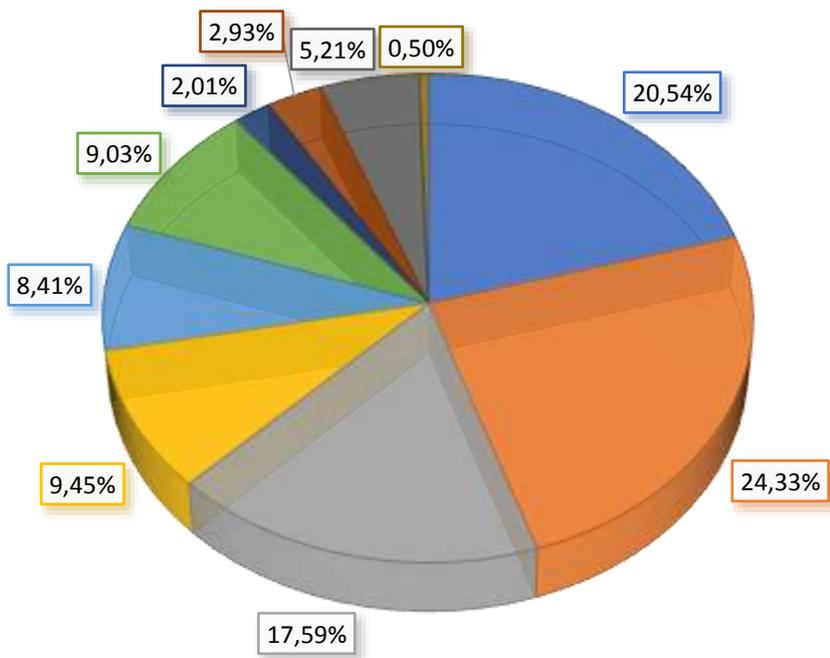
EXHIBITORS

237 companies presented their offer at the fairground comprising 3 exhibition halls over 10 thousand square metres of occupied space. In addition to Polish business, also the exhibitors from the following countries presented their products: Bulgaria, China, the Czech Republic, Greece, the Netherlands, Germany, Lithuania, Turkey, Ukraine, Italy and Hungary.



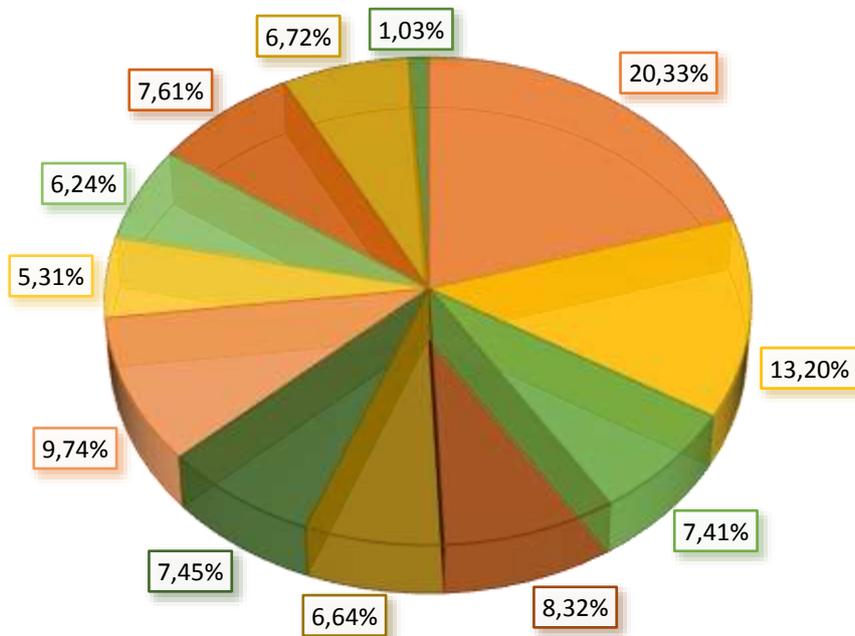


30. INTERNATIONAL TRADE SHOW LIGHT 2023 EXHIBITORS ACCORDING TO THE PRESENTED RANGE OF PRODUCTS



- architectural and technical lighting
- commercial space lighting
- industrial lighting, ATEX
- residential and decorative lighting
- outdoor lighting
- specialist and occasional lighting
- emergency and evacuation lighting
- measuring systems, software
- light sources, power systems, components
- other

20. INTERNATIONAL TRADE SHOW ELECTRICITY 2023 EXHIBITORS ACCORDING TO THE PRESENTED RANGE OF PRODUCTS



- surge protection devices and lightning protection systems
- protective and safety equipment for work under electrical voltage
- automation and robotics
- building automation and intelligent building systems
- cables and wires, markers, bushings, connectors and insulations
- electrical installation equipment and tools
- control and measuring devices
- emergency and guaranteed power supply systems
- attestation, testing and certification of products, technical and financial consulting
- software in the service of cybersecurity
- monitoring of supply network parameters and energy quality assessment, reactive power compensation
- other

VISITORS

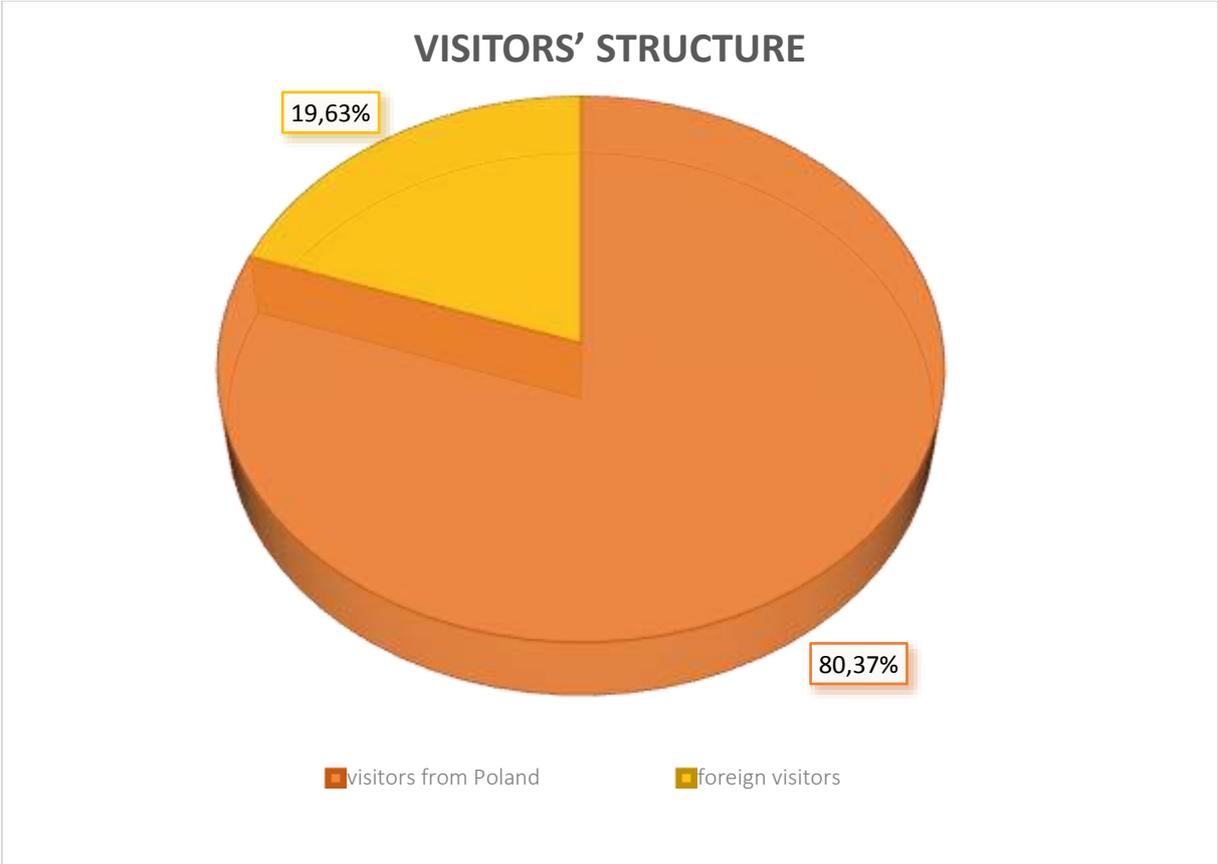
The International Trade Show LIGHT and the International Trade Show ELECTRICITY are a unique B2B contact platform of this type in Poland used to initiate business talks and build business relationships in broadly interpreted construction sector, industry and energy sector.

This is the place which makes it possible to gain unique knowledge about new products and technological solutions, discuss the possibilities of adaptation of products to the purchaser's

needs and requirements, and to guarantee the appropriate quality, appropriate prices and convenient delivery and payment dates guaranteed.

This year's Trade Show was visited by **5,985** people. It should be noted that number of **foreign visitors increase every year**, which pleases both organisers and exhibitors.

The visitors from abroad constituted **19.6% of all** visitors.



The Trade Show was visited by guests from **42 countries**, including but not limited to Algeria, Austria, Belgium, Belarus, the Balkan countries, China, the Czech Republic, Denmark, Estonia, Finland, Greece, Georgia, Spain, the Netherlands, Israel, Qatar, South Korea, Lithuania, Latvia, Germany, Portugal, Romania, Slovakia, Slovenia, Switzerland, Sweden, Turkey, Ukraine, Uzbekistan, Hungary, Great Britain and Italy.

For the foreign guests, the International Trade Show LIGHT 2023 and the International Trade Show ELECTRICITY 2023 became the opportunity for direct meetings with Polish manufacturers.

On 15 March, the Trade Show was visited by Minister Grzegorz Piechowiak, the Secretary of State in the Ministry of Development and Technology, the Government Plenipotentiary for foreign investments. He also talked to exhibitors.

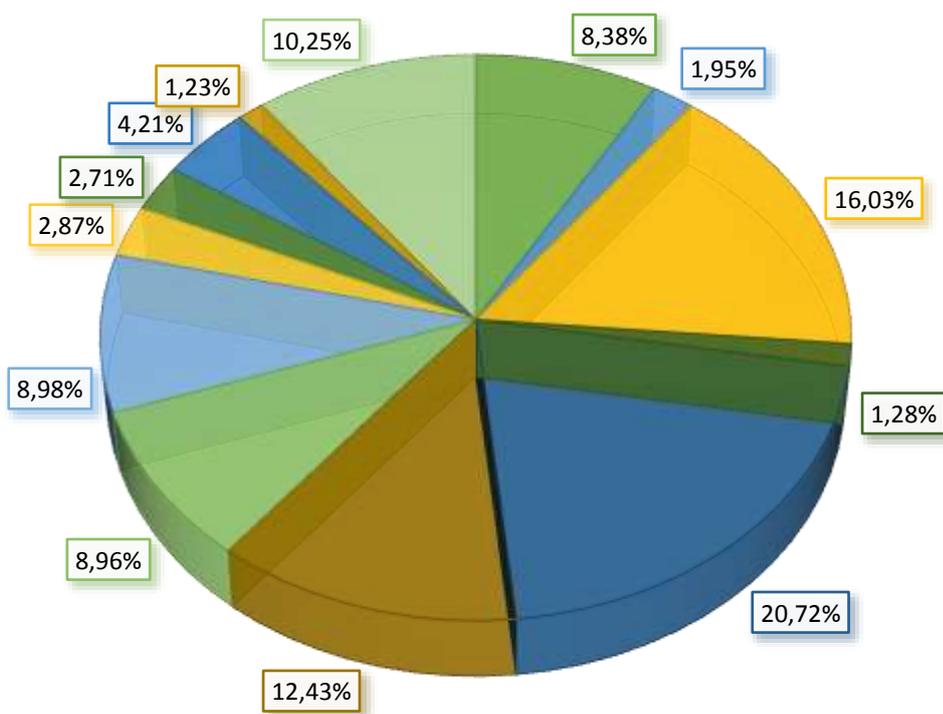


MISSION OF ENTREPRENEURS FROM KAZAKHSTAN

In cooperation with the Polish Investment and Trade Agency, a trade mission of entrepreneurs from Kazakhstan was organised – they participated in specially organised meetings with Polish exhibitors. In addition, they had an opportunity to visit production plants to learn about production technologies and their requirements.



VISITORS ACCORDING TO BRANCHES



- architects and designers
- distributors
- manufacturers/producers
- wholesalers
- investors, developers
- representatives of state and local administration
- others, of which technical schools, students and research workers
- system designers, building inspectors
- representatives of hotel, SPA and medical industry
- representatives of production plants
- fitters, contractors
- representatives of housing cooperatives and communities
- utilities

TRAININGS

The specificity of the Trade Show LIGHT and the Trade Show ELECTRICITY is showcasing new products and the latest technologies as well organizing technical sessions simultaneously. This year, both events were accompanied by 19 specialist trainings and practical workshops. Their scope was especially adapted to the needs of:

- producers, distributors and retailers
- designers
- architects
- supervision inspectors
- work managers
- installers and work contractors
- persons responsible for operation of equipment and network in industry and energy sector
- persons responsible for energy management in cities, towns and communes

The trainings and workshops were attended by **863** participants.



The subject matter of the trainings included a broad scope of issues connected with manufacturing, processing, transmitting, distributing, storing and using electricity, from medium voltages to low-voltage installations and systems.

A special training was dedicated to the requirements for electrical and lighting equipment and it was lectured by the representatives of the Polish Office of Competition and Consumer Protection.

The issues of effective lightning and surge protection, of which also for photovoltaic installations were the topic of the training organised by the Polish Committee for Lightning Protection of the Association of Polish Electrical Engineers.

The specialists from the Polish Chamber of Digital Broadcasting and Association of Polish Telecommunications Engineers XXI provided the training in the scope of telecommunications engineering focused on the issues of construction of telecommunications installation in buildings with different purpose and nature, including hotels, hospitals, and holiday and rehabilitation centres.

The training focused on works under voltage was held in cooperation and under the patronage of the Polish Committee for Safety in Energy of the Association of Polish Electrical Engineers.

The training was a compendium for people performing and supervising works carried out on overhead lines, cable lines and low-voltage + medium-voltage distribution equipment. A separate training was dedicated to legal issues related to design errors, errors in concluded agreements and rules of guarantee granting.

The main topic of presentations and the discussion of the Mazovian Civil Engineer's Day practical issues related to digitalisation of the investment and construction process.

The training entitled "LIGHT and ELECTROTECHNICS for Local Governments" was addressed to the authorities of communities and counties and the representatives of companies & institutions controlled by the local government.

The partners of the trainings were the General Office of Building Control, the Association of Polish Electrical Engineers, the Polish Chamber of Civil Engineers, the Union of Rural Communes, the Polish Committee for Lightning Protection of the Association of Polish Electrical Engineers, the Polish Chamber of Digital Broadcasting, the Polish Committee for Safety in Energy of the Association of Polish Electrical Engineers, the Association of Polish Telecommunications Engineers XXI, the Masovian District Chamber of Civil Engineers, the Polish Association of Lighting Industry.

MEASUREMENT WORKSHOPS

Three days of the trade show were filled with practical workshops on relay programming and workshops on testing of electrical parameters of photovoltaic panels and testing of electric shock protection of electric car charging stations. They were organised by REPOL company and SONEL company.

It was also possible to test power units in the scope of their compliance with Electromagnetic Compatibility Standard (EMC) in a special Consultation Point in the scope of safety of use of electrical equipment for household and office use.



OTHER EVENTS DURING TRADE SHOW

THE MASOVIAN CIVIL ENGINEER'S DAY

For the second time, the Masovian Civil Engineer's Day was held during the Trade Show. It was organised together with the Masovian District Chamber of Civil Engineers and was a meeting of designers, installers, representatives of construction + power industry and contractors.

The main topic of this meeting was digitalisation of construction process. The lectures were given by the representatives and experts from the Polish General Office of Building Control. The event was held under the honorary patronage of the General Office of Building Control. The meeting was opened by Mariusz Dobrzeński, the President of the Polish Chamber of Civil Engineers, Roman Lulis, the Chairperson of the Board of the Masovian District Chamber of Civil Engineers, Mieczysław Grodzki, a Deputy President of the National Board of the Polish Chamber of Civil Engineers, and Marek Orłowski, the President of the Polish Association of Lighting Industry.



At the fairground, the representatives of the Masovian District Chamber of Civil Engineers provided advice and consulting in the scope of electrical, sanitary and construction issues.

“LIGHT and ELECTROTECHNICS” for Local Governments

“LIGHT and ELECTROTECHNICS for Local Governments” - the meeting of the representatives of local government units was organised within the 20th International Trade Show ELECTRICITY 2023 and the 30th International Trade Show LIGHT 2023. It was dedicated to energy saving, energy management in the scope of lighting, RES within the area of cities, towns and communes. The ceremony of awarding the Prizes in the Competition for the Best Illuminated Commune and City of 2022 and the Best Lighting Investment of 2022 was held at the end of the meeting.

The “LIGHT and ELECTROTECHNICS for Local Governments” meeting was organised in cooperation with the Union of Rural Communes of Poland. Fact-based presentations were given by experts including the representatives of the Union of Rural Communes, the Association of Polish Cities and the Union of Polish Metropolises.

CONSCIOUS DESIGNER AND INTEGRATED LIGHT

One of the most important points of this year Trade Shows were the lectures and discussion panels with architects and designers.

CONSCIOUS DESIGNER

During the first two days of Trade Shows were organized the meetings “CONSCIOUS DESIGNER”, cycle launched by architect Justyna Smolec, who is the initiator of this project. This year, the subject matter of both the presentation and the discussion was focused on the issues of energy efficiency and sustainable designing. Among the invited guests, there were such scientific authorities in the area of architecture as Prof. Ewa Kuryłowicz, Arch. Eng. Doctor habilitated, from Kuryłowicz & Associates, and Anna Lorens, Arch. Eng. PhD— a lecturer at the Warsaw University of Technology.





This event was also attended by Anna Chodorowska, Architect from NAAP Architekci, Katarzyna Richter, PhD in Interior Architecture from the Białystok University of Technology, Grzegorz Goworek, Interior Architect from STUDIO ORGANIC, Iwona Ławecka – Marczewska from DESIGNDOC.PL, Paweł Dylewski from DYLEWSKI | Lighting, Dominik Sitko and Łukasz Prokopiuk from KANLUX company, Monika Komalska from YAK and Marcin Majewski from LED LABS company.

INTEGRATED LIGHT

The third day of the Trade Shows was marked with the seminar entitled “INTEGRATED LIGHT - man, lighting, architecture” prepared by Justyna Martyniuk-Pęczek, Arch. Eng., Doctor habilitated, Professor of the Gdańsk University of Technology. This meeting was dedicated to the presentation of key elements of new trend in lighting which focuses on growing importance of daylight in shaping of architecture. The scientists from Polish and foreign higher education institutions, such as Anna Maria Wierzbicka, Arch. Eng., Doctor habilitated, Prof. Elżbieta Ryńska, Arch. Eng., Aicha Diakite-Kortlever, PhD Natalia Sokół, PhD, and Marek Marciniec, presented the method of designing with the use of daylight to illuminate the architectural spaces and discussed the challenges connected therewith, all of them supported with practical examples.



EXHIBITION OF FINALISTS AND LAUREATES IN COMPETITIONS FOR YOUNG CREATORS

The Trade Show Light has been supporting young people for years! Their fresh look at modern lighting solutions is extremely valuable both for producers and customers in the market. Therefore, the competitions for young architects and designers have been organised for years, and the winning works are presented at the post-competition exhibition at the Trade Show LIGHT.

This year, the subject matter of the competitions were “SYSTEM LAMP for residential interiors” and “MOVABLE HOUSE - the Home of a modern Nomad”.

28 designs were submitted for “SYSTEM LAMP for residential interiors” competition. The Competition Jury awarded 3 equal honourable mentions and the 1st, 2nd and 3rd prizes.

The Movable House competition had 22 works submitted and the Jury awarded one honourable mention and the 1st, 2nd and 3rd prizes.



The laureates' works were presented at the Post-Competition Exhibition which could be visited throughout the Trade Show.

The ceremony at which the winners of the Competitions were announced and the awards were granted was held on the second day of Trade Show and was full of positive energy, good ideas for future, and hope that the youth will revolutionise the technology and design in lighting industry!



WORKSHOPS FOR STUDENTS OF TECHNICAL SCHOOLS

The students of technical schools could participate in educational workshops organised for them in the scope of telecommunications engineering and electrotechnics dealing with welding of optical fibre cables, LAN cables, and correct equipment for switchboards with Push-in technology. The interest in these trainings exceeded the organisers' expectations. These workshops were attended by more than 200 students from technical schools from all over Poland. Practical workshops were supervised by the specialists from the Polish Chamber of Digital Broadcasting and Association of Polish Telecommunications Engineers XXI.



STAND OF THE GDAŃSK UNIVERSITY OF TECHNOLOGY

The Faculty of Electrical and Control Engineering of the Gdańsk University of Technology presented its offer at the fairground for the first time. The students invited the candidates from

the capital city to study there and the employees of the faculty presented the offer of commercial tests in Linte² laboratory and an example of innovative development of 5-phase doubly-fed generator (Krzysztof Blecharz, PhD, Eng. and Roland Ryndzionek, PhD, Eng.). During the training entitled “Effective lightning and surge protection system”, Stanisław Wojtas, PhD, Eng., presented the paper on measurement of earthing systems, and Marek Olesz, Eng. Doctor habilitated, and Leszek Litzbarski, PhD, Eng., discussed the issue of varistor testing of surge arresters and risk analysis for photovoltaic systems during atmospheric discharge.

COMPETITIONS

During this year’s Trade Show, prestigious awards and honourable mentions were awarded in 6 competitions, and they included, but were not limited to, prizes for the best products presented on Trade Show, the Prize of the Polish Chamber of Civil Engineers, the 2022 Personality of the Year Awards in electrotechnical, power, telecommunications engineering and lighting industries.

During the opening ceremony of the 30th International Trade Show LIGHT 2023 and the 20th International Trade Show ELECTRICITY 2023 which was held on 15 March, the following prizes were awarded:

- in the Competition for the Best Product of the Trade Show LIGHT 2023 and Trade Show ELECTRICITY 2023
- in the Competition for the Best Stand of the Trade Show
- in the Competition for the 2022 Personality of the Year



The opening ceremony of the Trade Show was attended by Mr. Wiesław Kołodziejcki, the President of the Board of Masovian Credit Guarantee Fund who represented the Marshal of Mazowieckie Voivodeship – Mr. Adam Struzik, Mr. Mariusz Dobrzeniecki, the President of the Polish Chamber of Civil Engineers (PIIB), Mr. Jarosław Kukliński member of the National Council PIIB, Mr. Sławomir Cieślik, the President of the Association of Polish Electrical Engineers (SEP), and the Presidents of Chambers and Industry Associations.

The Main prize of the 30th International Trade Show LIGHT 2023 was awarded to LED LABS company for 3D Configurator for designing LED fittings.

LED LABS also received the Prize of the Polish Chamber of Civil Engineers.

The trade show prizes in individual categories were awarded as follows:

In the scope of lighting:

In the category of residential and decorative lighting:

The 1st Prize was awarded to ALFA SOSNOWSCY company for the SAGITO MOSIĄDZ light fitting



In the category of architectural and technical lighting:

The 1st Prize was awarded to GW Sp. z o.o. company for the HERKULES family workshop lamps

In the category of outdoor and park lighting, illuminations:

The 1st Prize was awarded to RABBIT company for the midiBLUE NFC street lighting control system with Central Photocell

In the category of intelligent lighting solutions:

The 1st Prize was awarded to ORANGE POLSKA for the SmartAstro 4G PCZ Orange System

The Main prize of the 20th International Trade Show ELECTRICITY 2023 was awarded to ELMARCO company for the AMPER MASTER 22 SMART electric car charging station.

The trade show prizes in the scope of electrotechnics were awarded as follows:

In the category of surge protection devices and lightning protection systems:

The Honourable Mention was awarded to GROMTOR company for GROMTOR CAD - a lightning protection system designing program.



Competition for the Best Stand of the Trade Show

The first place in the competition was taken by Kanlux company. The second prize was received by the stand of MILTECH company, while the third prize – by TP-Link Polska.

Competition for the 2022 Personality of the Year

The 2022 Personality of the Year Competition had 5 nominees. The goal of this competition was to reward the people who significantly contributed to the development and promotion of new technical and organisational solutions as well as system solutions in the area of electrotechnical, power, telecommunications engineering and lighting industries in Poland. The award committee consisted of the representatives of 9 industry organisations.

The Certificates of Nomination were received by: Mr. Konrad Sobolewski and Mr. Robert Olsztyn.

The Title of the 2022 PERSONALITY OF THE YEAR in the category of ECONOMY was awarded to Mr. Stanisław Sosnowski.

In the category of SCIENCE, the 2022 Personality of the Year was Mr. Maciej Zajkowski, while in the category of BUSINESS ENVIRONMENT – Mr. Bolesław Pałac.



The detailed information about the winners is available at www.osobowoscroku.pl

Competition for the Best Illuminated Commune and City of 2022 and the Best Lighting Investment of 2022

The Main Prize was awarded to the Board of Urban Roads of Warsaw and Lug Light Factory Sp. z o. o. company, a manufacturer and supplier of SAVA luminaires installed on street poles, and of Urbano and Urbino luminaires installed on high masts, for modernisation of street lighting of more than 300 streets in the area of the capital city of Warsaw.

At the same time, the title of THE BEST ILLUMINATED COMMUNE AND CITY OF 2022 was received by the capital city of Warsaw represented in the Competition by the Board of Urban Roads.

The title of the BEST LIGHTING INVESTMENT of 2022 was granted to Luxon Sp. z o. o. company for modernisation of LED lighting for the manufacturing plants of CIECH Soda Polska in Janikowo and Inowrocław.



In the category of OUTDOOR LIGHTING:

The 1st place went to Wojnarowscy Sp. z o.o. company for Ferrari and MASERATI car showroom with restaurant space illumination.

In the category of PUBLIC ROAD AND AREA LIGHTING:

The 1st prize was awarded to Municipality of Legionowo for construction of street lighting Warszawa - Ostrołęka road No. 61 in its section through Legionowo.

The Municipality of Legionowo got also the 2nd prize in the category of OUTDOOR LIGHTING for lighting of integration recreational space in the area of "Jagiellońska" housing estate in Legionowo.

In the category of OUTDOOR LIGHTING: Urban and Public Areas, Recreation Areas, Parks and Gardens and Landscaping:

Gmina of Korycin won the 1st prize for construction lighting of beach at the artificial lake in Korycin together with the recreational infrastructure.

Our congratulations to all of the winners!

In summary, this year 30th International Trade Show Light 2023 and 20th International Trade Show Electricity 2023 were very fruitful events which show that the Polish lighting and

electrotechnical industry, in spite of global problems, is in a very good condition, with great perspectives for the future, and big possibilities of expansion abroad. The organisers of Trade Show Light and Trade Show Electricity are sure that the next edition of Trade Shows to be held at the end of January and the beginning of February 2024 will be a next very important event in the industry not only in Poland but also in Europe.

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NEXT EDITION

31 January - 2 February 2024, EXPO XXI in Warsaw.

We are looking forward to seeing you!

Turn on thinking about light! Turn on thinking about technology!