

STANISŁAW STASZIC COMPETITION FOR THE BEST INNOVATIVE PRODUCTS "LAUREL OF INNOVATION 2019"

KONKURS IM. STANISŁAWA STASZICA
NA NAJLEPSZE PRODUKTY INNOWACYJNE
„LAUR INNOWACYJNOŚCI 2019”



December 10th, 2019 a ceremonial Gala for announcing the results of the 9th edition of the Competition named after Stanisław Staszic for the best innovative products LAUREL OF INNOVATION 2019.

The goal of the Competition organized by the Federation of Scientific and Technical Associations NOT is to promote modern products, technologies and services, and the idea behind this undertaking is to believe that the key to the development of the Polish economy is to promote innovative products and their creators, and to help implement innovative solutions that are to contribute to the economic development and competitiveness of the Polish economy.

Guests of the ceremony were, among others:

- Mr. Wiesław KOŁODZIEJSKI- President of the Mazowieckie Credit Guarantee Fund, representative of the Marshal's Office of the Mazowieckie Voivodeship
- Ms Karolina DORYWALSKA - Director of the Communication and Marketing Department of the Polish Agency for Enterprise Development
- Mr. Radosław PLESKOT - from the Department of Promotion and Support of Innovativeness of the Polish Patent Office
- Mr. Ryszard PREGIEL - President of the Polish Chamber of Commerce for High Technologies
- Mr. Leszek RAFALSKI- Chairman of the Main Council of Research Institutes and General Director of the Road and Bridge Research Institute
- Mr. Jerzy Barglik - President of the Academy of Engineering in Poland, Chairman of the National Monitoring Committee for European Engineer
- Mr. Stanisław Ziółkiewicz - Director of the Research Network Łukasiewicz - Institute of Plastic Working



- Mr. Jerzy KRAJEWSKI - Vice President of the Congregation of Industry and Commerce of the Polish Chamber of Commerce, director of the European Business Institute, editor-in-chief of the portal "European Company"
- Ms Ewa MAŃKIEWICZ - CUDNY - President of FSNT-NOT
- Mr. Tadeusz PAWŁOWSKI - Chairman of the Chapter of the Laurel of Innovation 2019 Competition, Vice President of FSNT-NOT
- Mr. Kamil WÓJCIK- Vice President FSNT-NOT, President of the Association for the Support of Polish Technology, member of the Chapter



- Mr. Adam BARYŁKA- Vice President FSNT-NOT, President of the Board of the Polish Association of Experts and Court Experts, President of the Warsaw Branch of SIMP, member of the Chapter
- Mr. Jacek KUBIELSKI - Secretary General of FSNT-NOT in years 2012-2016, member of the Chapter
- Mr. Dariusz RACZKOWSKI - President of the Warsaw Branch of the SIMP in 2010-2018, member of the Chapter
- Mr. Jerzy ROŻEK - President of the Warsaw Technical House NOT, Partner of the Competition
- Mr. Ryszard MARCIŃCZAK President of the Warsaw Branch of SEP, member of the Competition Chapter
- Mr. Adam BUGAJCZUK - Vice President of the Management Board of KGHM Polska Miedź S.A. Development
- and Mr. Jarosław TWARDOWSKI - General Director for Development at KGHM Polska Miedź S.A.- representatives of the Patron of this year's Competition



Statuettes and Awards The jury awarded this time to 17 companies and institutes in 11 categories:

1. Construction and public facilities, safety and firefighting:

The award was granted to:

TGM Enterprise & Investments Sp. z o.o.

for the project - Fire tower with the function of drying room and training room

2. Ecology and energy efficiency:

Silver Laurel of Innovation was awarded to:

The Central Mining Institute

for the project - Dust Air portable dust meter

The Golden Laurel of Innovation was awarded to:

Central Institute for Labor Protection - National Research Institute (CIOP-PIB)

for the project - Prototype of the acoustic barrier for suppression of narrowband frequency components using the diffuser system (Sonic Crystals)

3. Power engineering, electrical engineering:

The Bronze Laurel of Innovation was awarded to:

Zakład Energoelektroniki TWERD Sp. z o.o.

for the project - Electric ship propulsion with a capacity of 1.4 MW





4. Mining and metallurgy:

Silver Laurel of Innovation was awarded to:
KGHM Polska Miedź S.A.

for the project - Evacuation Chamber

The Golden Laurel of Innovation was awarded to:

KGHM Polska Miedź S.A.

Branch-mining plant "Polkowice-Sierszowice"

for the project - System of using heat from the chilled water of an air conditioning system in place of heat from the burning of heating oil

5. Information technology, software:

The award was given to:

KGHM Polska Miedź S.A.

Hydrotechnical Department

for the project - Using the 3DSensor sensor to build an innovative system for monitoring the technical condition of the reinforced concrete structure of the overflow tower located in the OUOW Żelazny Most reservoir



6. Mechanics, machines and devices:

Silver Laurel of Innovation for:

Lukasiewicz Research Network - Institute of Precision Mechanics

for the project: A miniaturized device for non-destructive testing eddy current method using measurement Amplitude-Frequency - M2 Wiretest

The Golden Laurel of Innovation The jury awarded:

Lukasiewicz Research Network - the Plastic Processing Institute

for the project: Special MWS-200 Wyoblarka for shaping axially asymmetrical products

7. Medical technology, pharmaceutical industry, chemistry:

The Golden Laurel of Innovation was awarded to:

Central Institute for Labor Protection

- National Research Institute (CIOP-PIB)

for the project - Filtering half-mask to protect the respiratory system of workers professionally exposed to anti-cancer cytostatic drugs



8. Food industry, gastronomy, agriculture, gardening, woodworking:

The award was granted to:

Lukasiewicz Research Network - the Wood Technology Institute
for the project - *The use of rare earth metal nanoxides to protect the surface of wooden products against UV / VIS*

Silver Laurel of Innovation received:

Lukasiewicz Research Network - Wood Technology Institute
for the project - *Innovative measures and ways to protect wood against the harmful effects of fungi and algae*

9. Military technique:

In this category two distinctions were awarded to:

Military Institute of Armament Technology

for the project - *Pistol 9x19 mm PW Inka*

and

PCO S.A.

for the project - *GOC-1 and GOD-1 sighting and sighting devices for fire control systems in tower systems*

The Bronze Laurel of Innovation was awarded to:

PIT-RADWAR S.A.

for the project - *Development of the short range interrogator IKZ-50P identification system "own-foreign" of IFF Mark XIIA standard*

The Golden Laurel of Innovation was awarded to:

Military University of Technology

for the project - *WRE-1- portable broadband radio spectrum analyzer with artificial intelligence module for spectrum prediction*

10. Logistics, transport, communication;

Golden Laurel of Innovation for:

SZCZĘŚNIAK Pojazdy special sp. z o.o.

for the project - *Heavy special road rescue car on Renault K520 8x4 chassis*

11. Services and other socio-economic solutions and innovations;

Silver Laurel of Innovation was awarded to:

Fireworks Europe Innovation Sp. z o.o.

for the project - *ECOLOGICAL FIREWORKS OF THE GA00 SPECTRUM BRAND*

Congratulations to all the winners

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