

THE JUBILEE OF THE XXV INTERNATIONAL SCIENTIFIC CONFERENCE OF INSITUTE OF TECHNOLOGY AND LIFE SCIENCES

JUBILEUSZOWA XXV MIĘDZYNARODOWA KONFERENCJA NAUKOWA INSTYTUTU TECHNOLOGICZNO-PRZYRODNICZEGO



INSTITUTE OF TECHNOLOGY AND LIFE SCIENCES BRANCH WARSAW

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On September 11-12, the 25th International Scientific Conference under the patronage of the Minister of Agriculture and Rural Development Jan Krzysztof Ardanowski on "Problems of intensification of animal production with regard to environmental protection, EU standards and production of alternative energy, including biogas" took place at the Institute of Technology and Life Sciences in Falenty and at the 4 Żywioty Hotel in Falenty.

During the conference, many topics were raised about sustainable development in animal and plant production, environmental protection and renewable energy. During session different issues were presented, but among others:



- domestic and foreign solutions in the field of animal and plant production technology,
- directions of work in the field of development and automation of animal husbandry technologies, taking into account their welfare and environmental protection,
- development opportunities for renewable energy sources according to the specific needs of agricultural production,
- methods of obtaining biogas from natural fertilizers and plant production,
- digestate management methods,



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- technological solutions and research results in the field of use of renewable energy sources in animal production and reduction of greenhouse gas and ammonia emissions,
- innovative solutions in the field of livestock, low-carbon and low-energy technologies.

About 90 participants from abroad (Russian Federation, Belarus and Latvia) and Poland participated in the 25th International Scientific Conference. The participants represented the following institutions and private companies:

- Koszalin University of Technology,
- University of Agribusiness in Łomża,
- West Pomeranian University of Technology in Szczecin,
- Warsaw University of Life Sciences - SGGW,
- University of Agriculture in Krakow,
- Poznań University of Life Sciences,
- National Research Institute of Animal Production in Krakow,
- West Pomeranian Chamber of Agriculture,
- University of Life Sciences in Lublin,
- Institute of Plant Protection PIB Field Experimental Station in Białystok,
- Ministry of Agriculture and Rural Development,
- Agricultural Social Insurance Fund,
- Institute of Crop, Fertilization and Soil Science PIB Puławy,



- Silesian University of Technology,
- State Academy of Sciences, Gdańsk,
- BELAGROMECH, Minsk, Belarus,
- FGBNC V.R. Williams, Lobnia, Russia (Federal Scientific Center of Feed Production and Agroecology),
- RUNIP "IMSKH NAN Belarusi", Minsk, Belarus (Institute of Power Engineering),
- Latvian University of Agriculture, Jeglava, Latvia,
- GNU NIISH Agricultural Research Institute, Kirov, Russia,
- FGBNU FANC North-East NV Rudnicki, Kirov, Russia,
- State Engineering and Economics Institute in Knyaginino, Russia,
- RENK - Pomeranian Wholesale Agricultural and Food Center S.A.,
- TESTMER Warsaw S.A.,
- WOLF System,
- AgroNews.com Interactive Television,
- Online B2B Daily Now Environment.



61 papers were presented at the Conference, of which 26 in foreign languages (Russian and English). On the first day of Conference, the speeches were divided into plenary session on: innovative techniques and solutions in animal husbandry and plant production, and environmental protection (including ammonia reduction).

Then individual speeches were divided into thematic sections. The first was the section entitled "Basic problems in animal husbandry, renewable energy production and rural infrastructure." The second section covered the topics of "Basic problems in animal husbandry with regard to environmental protection", while the subject of the third section was entitled "Basic problems in renewable energy production with regard to environmental protection".



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On the second day a section entitled "Basic problems in animal and plant production including environmental protection and renewable energy".

During the meeting, participants exchanged scientific and research and implementation information with each other, and defined forms of further cooperation.

As part of the conference on September 12, an away session was organized for foreign guests to the University of Life Sciences in Lublin and the Institute of Technology and Life Sciences, Poznań Branch.



The organization of the 25th International Scientific Conference was possible thanks to the co-organizers:

- Fund of Agricultural Social Insurance,
- Department of Renewable Energy Sources Engineering at the West Pomeranian University of Technology in Szczecin,
- University of Agribusiness in Łomża.

The conference sponsors were:

- LUBELLA FOOD Sp. z o.o., Sp. k.
- WOLF SYSTEM Sp. z o.o.,
- TESTMER Warsaw S.A.,
- POL-FOODS Sp. z o.o.



Honorary patrons were: UPEBI - Union of Producers and Employers of the Biogas Industry and POLSUS - Polish Association of Pig Breeders and Producers.

The media patrons were:

- Polish Technical Review magazine
- Online B2B Journal 'Now Environment',
- Interactive TV AgroNews.com.

As a result of the submitted works of the Participants of the 25th International Scientific Conference, two monographs were issued:

1. Monograph "Improving technology in animal production and renewable energy, taking into account the requirements of sustainable development", pp. 359.
2. Монограф "Проблемы интенсификации животноводства с учетом охраны окружающей среды и производства альтернативных источников энергии, в том числе биогаза (Problems of intensification of animal production including environment protection and alternative energy production as well as biogas)", pp. 184.



The 25th jubilee International Scientific Conference was reported by AgroNews.com. The material is available on: <https://www.youtube.com/watch?v=U0SpUEbFjPQ>