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Igor Dudarev

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Address: Lvivska str., 75, 43018, Lutsk, Ukraine (Work) |

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ABOUT ME

I'm the Head of the Department of Food Technology and Chemistry at Lutsk National Technical University (Ukraine). I attended Lutsk National Technical University in Ukraine, where I received a Master's degree in Agricultural Engineering. In 2007, I received a Ph.D. in Agricultural Engineering from the National Science Center "Institute of Mechanics and Automatics of Agroindustrial Production" of the National Academy of Agrarian Sciences of Ukraine (Ukraine). In 2016, I received a Dr. of Technical Sciences in Technology of Grain, Bean, Cereal Products and Compound Feeds, Oil and Bast Cultures from Kherson National Technical University (Ukraine). In 2023, I received a Master's degree in Food Technology from the National University of Food Technologies (Ukraine). My research interests lie primarily in the area of Agricultural Engineering and Food Processing. I'm the author of over one hundred papers, 5 monographs and 4 textbooks on Agricultural Engineering and Food Processing. I hold 85 patents deriving from my research. Furthermore, I'm the editor-in-chief and deputy editor-in-chief of LNTU scientific journals. I'm a member of the Scientific and Methodological Council of the State Service of Ukraine on Food Safety and Consumer Protection. I was awarded with honors of the Parliament and Government of Ukraine.

EDUCATION AND TRAINING

AUG 1998 – JUN 2002 Lutsk, Ukraine

BACHELOR'S DEGREE IN AGRICULTURAL ENGINEERING Lutsk National Technical University

Address Lvivska str., 75, 43018, Lutsk, Ukraine | **Website** http://lutsk-ntu.com.ua/uk

AUG 2002 – JUN 2003 Lutsk, Ukraine

MASTER'S DEGREE IN AGRICULTURAL ENGINEERING Lutsk National Technical University

Address Lvivska str., 75, 43018, Lutsk, Ukraine | **Website** http://lutsk-ntu.com.ua/uk

2002 – 2006 Lutsk, Ukraine

PHD COURSES Lutsk National Technical University

Address Lvivska str., 75, 43018, Lutsk, Ukraine | **Website** http://lutsk-ntu.com.ua/uk

25 SEP 2007 Glevakha, Ukraine

PH.D. IN AGRICULTURAL ENGINEERING National Science Center "Institute of Mechanics and Automatics of Agroindustrial Production"

Website https://imaap.org.ua/index.php?v=21 |

Thesis Substantiation of the technological process and parameters of the flax roll dryer

9 JUN 2016 Kherson, Ukraine

DR. OF TECHNICAL SCIENCES IN PROCESS ENGINEERING Kherson National Technical University

Website http://kntu.net.ua/ |

Thesis Development of principles of resource-saving technology of primary processing of bast crops

1 SEP 2021 – 6 MAR 2023 Kyiv, Ukraine

MASTER'S DEGREE IN FOOD TECHNOLOGY National University of Food Technologies

Website https://nuft.edu.ua/en/

WORK EXPERIENCE

Lutsk, Ukraine

RESEARCH MANAGER LUTSK NATIONAL TECHNICAL UNIVERSITY

Researcher and developer of the technology "Technology of production of organic multilayer chips" (№ 0621U000047).

2020 – 2023 Lutsk, Ukraine

PROJECT MANAGER LUTSK NATIONAL TECHNICAL UNIVERSITY

Project manager of the scientific study entitled "Development of vegetable and fruit chips production technology" (№ 0120U101522).

2023 Lutsk, Ukraine

PROJECT MANAGER LUTSK NATIONAL TECHNICAL UNIVERSITY

Project manager of the scientific study entitled "Development of technologies of food products with using plant-based milk" (№ 0123U101560).

AUG 2007 Lutsk, Ukraine

ENGINEERING LECTURER LUTSK NATIONAL TECHNICAL UNIVERSITY

Teaching the following courses: Technological Calculations; Restaurant Technologies; Technology of Organic Food Products; Methodology of Scientific Research.

FEB 2006 – AUG 2007 Rokyni, Ukraine

AGRICULTURAL SCIENTIST VOLYN INSTITUTE OF AGRICULTURAL PRODUCTION (UKRAINIAN ACADEMY OF AGRARIAN SCIENCES)

Participation in a scientific study entitled "Development and implementation an integrated resource-saving technology for fibre flax growing in the conditions of western Polissya of Ukraine with fiber yield parameters of 1.2-1.4 t/ha, seeds 0.5-0.6 t/ha" (№ 0106U009231)

AUG 2007 Lutsk, Ukraine

AGRICULTURAL ENGINEER LUTSK NATIONAL TECHNICAL UNIVERSITY

- Participation in a scientific study entitled "Research and substantiation of parameters of agricultural material dryer" (№ 0109U001211)
- Participation in a scientific study entitled "Development of machinery for flax production in the conditions of Polissya" (№ 0112U000289)
- Participation in a scientific study entitled "Development of fuel briquette produce technology made from sapropel and plant raw materials" (№ 0116U001949)
- Participation in a scientific study entitled "Development of technological equipment for mixing and separation of bulk and granular materials" (№ 0120U100521)

LANGUAGE SKILLS

Mother tongue(s): **UKRAINIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
RUSSIAN	C2	C2	C2	C2	C2
ENGLISH	B1	B2	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Word | Microsoft Excel | Power Point | Zoom | Facebook | Social Media | Microsoft Teams | Skype | LinkedIn | Microsoft Office | Instagram | Google(Google meet, Google Docs, Google classroom, Google Forms, Google Drive, Google Slide | Organizational and planning skills | Content creation in Moodle and Wordpress | AUTOCAD, MATHCAD

PUBLICATIONS

2017
Simulation of bulk materials separation process in spiral separator

2019
Modeling of mixing bulk materials

2020
Reasoning of non-mixing method of mixture forming from bulk materials

2020
Research on seed separation process on a gravity-cascade separator

2021
Simulation of the bulk and granular materials separation process in the scissor type gravity separator

2021
Effect of fruit and vegetable blanching and compression on the loss of multilayer chips

2021
Modeling of the mixing process in the gravitational mixer using the theory of Markov chains

2022
Innovative technology of chocolate covered multi layered chips

2022
Strategies for improving mayonnaise sauce

2023
Research of properties of juice drinks containing oat milk

2023
Study of the antioxidant capacity of wateralcohol infusions of coffee substitutes with improved technology of syrups

2023
Influence of plant-based ingredients on the sensory and physicochemical indicators of salad dressing

2023
Development of beer mixed drinks compositions with “oat milk” and juices

2023
Application of the swift method for risk assessment in the production of cottage cheese

2024
Using oat milk to reduce the caloric value of a functional mayonnaise sauce

2024
Technology of multilayer and glazed fruit and vegetable chips

2024
Development of craft drinks with oat milk and fruit and berry powders

2024

Food safety and quality management system in the restaurant industry

INTERNSHIPS

2020

Food Safety: Modern Legislation, Conscientious Producer, Responsible Consumer

Prometheus

2023

Lab2Market UA

Ukrainian National Office for Intellectual Property and Innovations

2020

Sustainable Manufacturing in Industry 4.0: Technologies and Solutions

Igor Sikorsky Kyiv Polytechnic Institute and the Norwegian University of Science and Technology

2020

Science Communication in the Digital Age

Prometheus

2020

Teachers 4.0: Effective Approaches to Distance Learning

UGEN

2020

Using the Opportunities of Cloud Services on the Example of Google Meet, Google Classroom Platforms in the Modern Online Education

Lublin Science and Technology Park

2022

Google Digital Tools for Education

Academy of Digital Development

2022

The Ultimate Food and Restaurant Business Course

Udemy Business

2022

ISO 22000. Food Safety Management System

Udemy Business

2022

Food Safety in Catering (UK)

Udemy Business

2023

The Procedure for Protecting the Facilities of Food Market Operators Against Pests: Regulatory Framework

National University of Food Technologies

2023

Food Labeling Products: Consumer Awareness and Producer Responsibility

PROFI CLUB

2023

Development, Implementation and Application of the Food System and Procedures Based on the HACCP Principles in School and Pre-school Educational Institutions

PROFI CLUB

2023

Critical Control Points and Critical Limits in the HACCP System

PROFI CLUB

2023

Accelerating Innovation and Entrepreneurial Excellence in Higher Education Institutes (AccEnt).

This project has received funding from the European Union's EIT HEI Initiative: Innovation Capacity Building for Higher Education under Grant Agreement No 10047.

JUL 2024 – 1 NOV 2024

Just Transition through Entrepreneurship

This project has received funding from the Federal Ministry for Economic Affairs and Climate Action with the support of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.

OCT 2024 – NOV 2024

Berlin Founders Program

This project has received funding from the Berlin Senate Department for Economic Affairs, Energy and Public Enterprises.

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ResearchGate

Link https://www.researchgate.net/profile/Igor-Dudarev

SCOPUS

Link https://www.scopus.com/authid/detail.uri?authorId=55862133300

ORCID

Link https://orcid.org/0000-0002-2016-5342

Google Scholar

Link https://scholar.google.com/citations?user=-GDNxxQAAAAJ&hl=uk

Web of Science

Link https://www.webofscience.com/wos/author/record/S-1649-2019