



Professor, Dr. of Sci

Dmytro V. Lande

Dmytro V. Lande was born on November 15, 1959, in Belarus. In 1976, he enrolled at the Shevchenko National University of Kyiv in the Faculty of Mechanics and Mathematics, from which he graduated in 1981 with a degree in Mathematics.

In 1981 he joined the Ukrainian Scientific Research Institute of Scientific Technical and Economic Information (UkrNIINTEI). Sphere of activity is the search engines and databases of scientific and technical information.

In 1990 he defended his thesis on the subject of information retrieval systems.

Since 1994, he worked as deputy director of the ElVisti Information Center. Under the leadership of D. Lande and his direct participation created a full-text information retrieval system InfoRes and news integration technology InfoStream.

In 2006 he defended his doctoral thesis on "Theoretical and technological basis of integration of information flow on the Internet". Doctor of Technical Sciences.

Dmytro Lande – professor of specialty 122 "Computers of Science".

2012-2012 – head of the Department of specialized tools for modeling at the Institute for Information Recording of National Academy of Sciences of Ukraine.

Concurrently, the head of the Scientific center of the State Scientific Institution "Institute of Information, Security and Law" of the National Academy of Legal Sciences of Ukraine.

Also , part-time – the head of the Big Data Intelligence for Cyber-physical Systems Laboratory of the World Data Center of Geoinformatics and Sustainable Development at the National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”.

From 2022 to the present time – the head of the information security department of the Physical and Technical Institute at the National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”.

Professor Dmytro Lande made significant theoretical and technological contributions in the following areas:

- Foundations of adaptive information aggregation and summarization from global network resources.
- Lifecycle models of information flows using systems of logistic equations, cellular automata theory, and multi-agent systems.
- Competitive intelligence including methods for identifying information operations, network mobilization effects, post-disruption network restoration, and hidden connection detection in information networks.
- Information space and flow analysis including methods for studying information flows and their fractal characteristics across various thematic directions.
- Automated network modeling of subject areas utilizing artificial intelligence techniques.

Winner of the Awards:

- Cabinet of Ministers of Ukraine for the development and implementation of innovative technologies (2023).

- Yaroslav Mudry Prize for research activities in Law (2009).
- Viktor Glushkov Prize of the National Academy of Sciences of Ukraine in computer science (2021) .

In 2013 he was awarded the Medal of National Academy of Sciences of Ukraine "For professional achievements".

In 2018 he was awarded the Medal of National Academy of Sciences of Ukraine "For the preparation of the scientific change".

Academician of the:

Ukrainian Academy of Sciences (2015);

Corresponding member of Academy of technological sciences of Ukraine (2015).

Dmytro Lande – author of over 600 scientific and popular publications, including 20 monographs, dictionaries, textbooks, 15 copyright certificates.

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Google Scholar: <https://scholar.google.com/citations?user=6VY4hNQAAAAJ>

ResearchGate: https://www.researchgate.net/profile/D_Lande

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=19934022600Web>:

<http://dwl.kiev.ua>