

Wrocław University of Economics and Business, Center for Intelligent Management Systems

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Purpose

Realizing the effective activities related to the implementation of artificial intelligence in management information systems.

The main pillar of the activity is cooperation between the members of the Center as well as the economic and scientific environment.

Members - Universities

- Wrocław University of Economics and Business - leader
- Wrocław University of Science and Technology
- University of Social Sciences in Łódź
- The Witelon State University of Applied Sciences in Legnica
- The International University of Logistics and Transport in Wrocław

Members - WUEB

- Department of Process Management
- Department of Information Systems
- Department of Information Technology
- Department of Business Intelligence in Management

Members - enterprises

- Proa Technology Sp. z o.o. - Wrocław
- ZAP Rachunkowość sp. z o.o. – Ostrów Wielkopolski
- ZAP Robotyka sp. z o.o. – Ostrów Wielkopolski
- 4-Tune s.c. – Wrocław
- BI Technologies sp. z o.o. – Wrocław
- ZAP Kooperacja sp. z o.o. – Ostrów Wielkopolski
- NOVASTER sp. z o.o. – Ostrów Wielkopolski
- Instytut 21 sp. z o.o. – Ostrów Wielkopolski
- Perspektywa sp. z o.o. – Ostrów Wielkopolski
- DI-RZ – Wrocław
- Unity S.A. – Wrocław

International cooperation

- Leipzig University
- Western Norway University of Applied Sciences
- University of Memphis,
- University of Muenster,
- University of Reims Champagne Ardennes ,
- Nguyen Tat Thanh University

Research areas

- Application of artificial intelligence for supporting business processes,
- Decision support systems,
- Problems of business process management,
- Application of artificial intelligence in finance
- Cybersecurity and blockchain

Scientific and R&D activities

- The results of the projects have been implemented (or are being implemented) in the business activities of enterprises.
- Co-organization of the annual international conferences, special sessions or workshops ECAI, IJCAI, ICCCI, ACIT, ACIIDS,

Projects

- **Towards a smart factory** - supporting business processes in production companies using artificial intelligence tools - financed under the Interekon project - the MINISTER OF HIGHER EDUCATION AND HIGHER EDUCATION program for 2019-2022" Regional Initiative of Excellence ".
- **Storage, distribution and tool management system 4.0**, - ZAP-Kooperacja.
- **Production design support systems in MAHLE company** - implemented by Instytut 21.

Projects

- **Development of an automatic creditworthiness assessment module for a financial institution using artificial intelligence tools** (deep learning and cognitive technologies) - financed under the Lower Silesian Bonus for Innovation.
- **GTM (Go-To-Market)** - The aim of the project is to develop a prototype of an IT tool that performs an automatic analysis of the behavior of the mobile applications' users , in the context of their retention, using deep learning tools.

Projects

- **“Application of consensus theory in conflict resolution of unstructured knowledge of cognitive agents operating in management information systems”, funded by NCN“**
- Industrial research and development work to develop an innovative tool management system at ZAP Kooperacja”, funded by the European Regional Development Fund
- **Apply Geometrical Analysis Software** - MAHLE Behr Ostrów Wlkp- jointly with Institute 28.
- **“Development of a module for automatic assessment of a customer's creditworthiness for a financial institution, using artificial intelligence tools (deep learning and/or cognitive technologies)”** financed under the Lower Silesia Innovation Voucher cooperation with BI Technologies. Translated with DeepL.com (free version)

Projects

- **Development and implementation of an intelligent correspondence dispatcher system for use in private companies and Public Utility Institutions, PROA Technology, funded by The National Centre for Research and Development**
- **Automation of topographic object detection process using artificial intelligence algorithms, , PROA Technology, AGH funded by The National Centre for Research and Development**

Projects

- **Innovation vouchers (bony na innowacje)**
- **Level 4.0 Digital Innovation Hub**
- **WRO4digITal European Digital Innovation Hub**



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Thank you very much for attention!



Wroclaw
**UNIVERSITY
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