

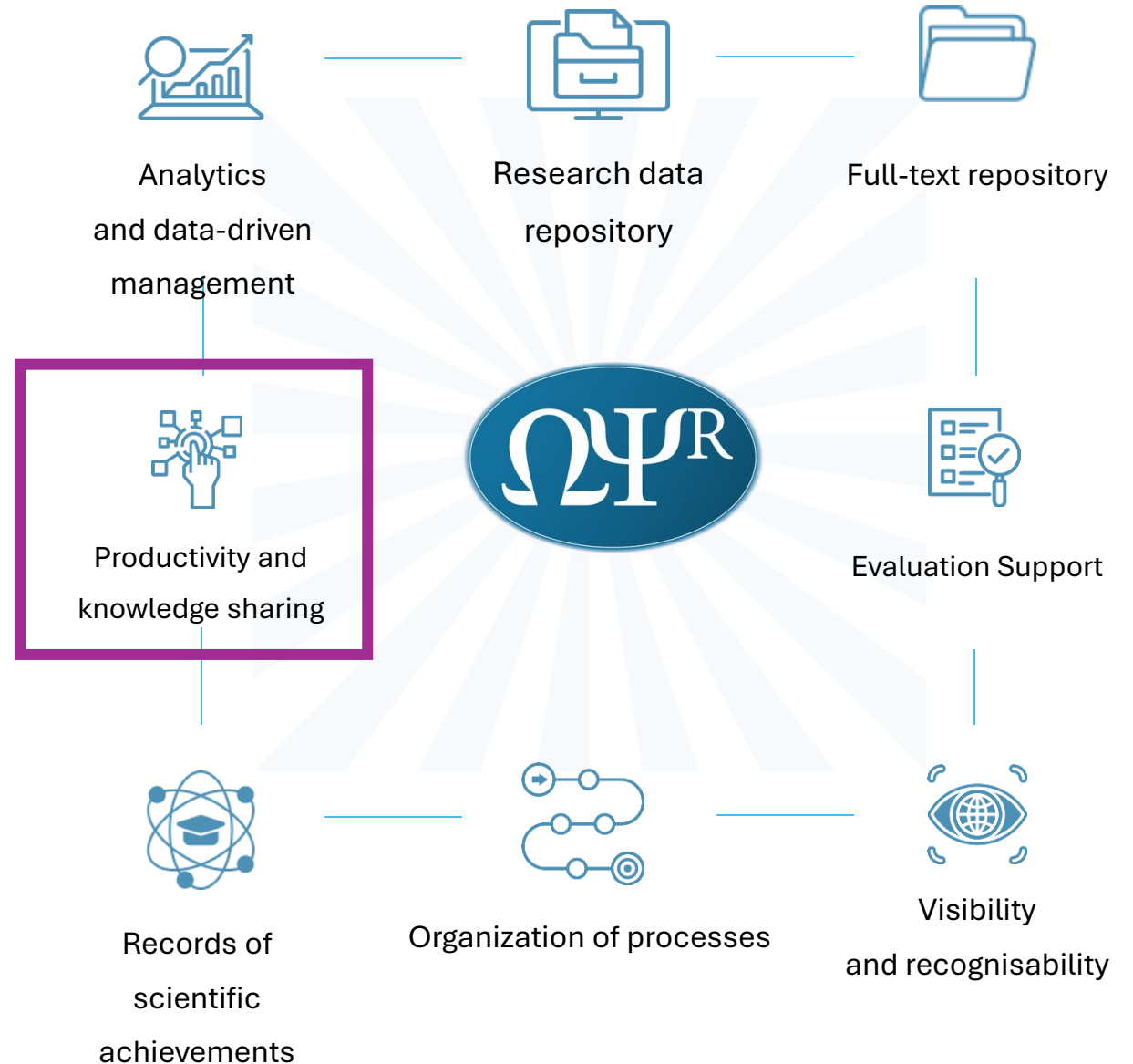
Research Information Systems as a Catalyst for **Academic and Industrial** Cooperation on the example of **OMEGA-PSIR**

sages

Warsaw University
of Technology

OMGA-PSIR

- Comprehensive management of information about science and research potential
- Over 50 member Universities
- Community managed
- 15 years of experience



**Warsaw University
of Technology**

DEVELOPED AT WARSAW UNIVERSITY OF TECHNOLOGY

Current Research Information System



Support in the grant acquisition
process

Key Steps



Recommended contests (66)

Rejected due to formal requirements (3)

Download:

All

Page

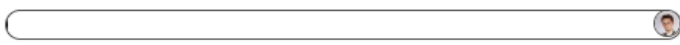
XLS

XLSX

CSV

PDF

DOCX

16 Dec Open	EIC STEP Scale Up > European Innovation Council, HORIZON-EIC-2025-EICSTEP-01, Komisja Europejska Expected Outcome: The EIC STEP Scale Up call offers a total indicative budget of EUR 300 million for the 2025, which is expected to rise to EUR 900 million for the period 2025-2027^[1]. Any unused amount from this budget will be allocated with priority to the EIC Accelerator Open call.^[2]...  min avg
20 Jan Open	European network of national competence centers for innovation procurement > European Innovation Ecosystems, HORIZON-EIE-2026-01-CONNECT-01, Komisja Europejska Expected Outcome: Project results are expected to contribute to all of the following expected outcomes: Enhanced capacity of public procurers to carry out PCPs and PPIs;...  avg
13 Jan Open	Granty ERC dla naukowców u progu samodzielności badawczej > ERC Consolidator Grant, ERC-2026-CoG, Komisja Europejska  avg
31 Dec Open	Nauka dla Rozwoju Społeczeństwa > Nauka dla Rozwoju Społeczeństwa, 2025, Ministerstwo Nauki i Szkolnictwa Wyższego Przedmiotem programu jest wsparcie podmiotów systemu szkolnictwa wyższego i nauki oraz innych jednostek organizacyjnych działających na rzecz upowszechniania nauki w zakresie obejmującym łącznie: 1. prowadzenie badań naukowych o potencjale aplikacyjnym;...  avg

Funding Calls

Low power Edge AI Chips (HORIZON-JU-CHIPS-2025-IA-LEAI-two-stage)

[Link to announcement](#)

Type of contest: [CL4 Digital, Industry and Space](#)

Financing institution: [European Commission \(KE\)](#) / [European Union \(UE\)](#)

[Profile](#)
[Requirements](#)
[Application](#)
[Help and support](#)
[Statistics](#)
[Success evaluation](#)

No formal requirements for project manager

Candidate Profile:

Select ▼

Henryk Rybiński (FEIT/ICS) ⓘ

When chances increase

Parameters related to experience and scientific achievements (as of application submission date*)

	minimum	average	maximum	candidate parameter	deviation from minimum	deviation from average
Years after phd	5	14	33	51	46	36.6
Years after habilitation	2	5	7	37	35	32.2
Age	33	51	72	79	46	28.4
Research output from last 10 years ▼	minimum	average	maximum	candidate parameter	deviation from minimum	deviation from average
Papers	25	51.1	107	32	↑ 7 (28%)	↓ -19.1 (-37%)
JCR Papers	1	14.9	52	9	↑ 8 (800%)	↓ -5.9 (-39%)
Scopus citations	7	199.1	726.6	133	↑ 126 (1794%)	↓ -66.1 (-33%)
Scholar citations	9	212.9	1,194.9	225	↑ 216 (2350%)	↑ 12.1 (5%)
WoS citations	1	173.9	590.8	103	↑ 102 (9066%)	↓ -70.9 (-40%)
Participated projects	1	4.7	11	17	↑ 16 (1600%)	↑ 12.3 (258%)
Leading projects	0	3.5	10	10	↑ 10	↑ 6.5 (183%)

*Status as of application submission date. If no application submission date - as of recruitment end date. If no recruitment end date - as of project start date.

Summary

- Candidate's achievements do not constitute a limitation in applying for this project



Call for proposals



Low power Edge AI Chips (HORIZON-JU-CHIPS-2025-IA-LEAI-two-stage)

[Link to announcement](#)

Type of contest: [CL4 Digital, Industry and Space](#)

Financing institution: [European Commission \(KE\) / European Union \(UE\)](#)

Profile

Requirements

Application

Help and support

Statistics

Success evaluation

Administrator unit responsible for the description of this record: [Section of International Projects \(PSC/SIP\)](#)

Contest.supervisorInLOP: [Grzegorz Mańko \(FEIT\), Mentor -No](#), phone: +48 22 234 61 55 [✉](#)

Useful for preparing an application

[Resume and other reports](#)

[Scientific research potential of WUT](#)

[Scientific research potential of the unit](#)

Example projects that received funding for previous contests

1. [PhotonHub Factory for Next-Generation Photonics Innovation Support: Boosting European Industrial Competitiveness and securing Technological Sovereignty](#) >

[101189537] Project leader at WUT: Małgorzata Kujawińska, start date 01-01-2025, end date 31-12-2028, [101189537], in run

2. [Upcycling of NdFeB magnets in the EU for green applications](#) >

[101138058] Project leader at WUT: Wioletta Raróg-Pilecka, start date 01-09-2024, end date 31-08-2028, [101138058], in run

3. [International Cooperation in Semiconductors](#) >

[101092562] Project leader at WUT: Romuald B. Beck, start date 01-01-2023, end date 31-12-2025, [101092562], in run

4. [Sustainable Transition to the Agile and Green Enterprise](#) >

[101058693] Project leader at WUT: Tomasz Pietrzak, start date 01-06-2022, end date 30-09-2025, [101058693], in run

[Search independently](#)

Guides and archival
applications



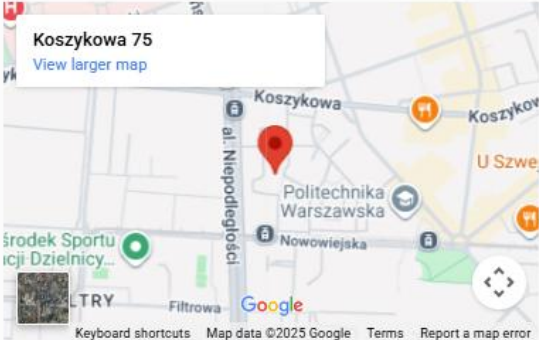


Przemysław Biecek

professor

[Department of CAD/CAM Systems Design and Computer-Aided Medicine](#)
[Faculty of Mathematics and Information Sciences](#) 

Email: Przemyslaw.Biecek@mini.pw.edu.pl



Profile

Publications

Promoted theses

Projects

Achievements

Citations

Statistics

Cooperation

Mentoring offer

Evaluation

Active mentoring offer	Yes
Project types	Perły Nauki Stypendium FNP – "Start" European Space Agency INFOSTRATEG ARTIQ - Centra Doskonałości AI OPUS PRELUDIUM PRELUDIUM BIS Fundusze Europejskie dla Nowoczesnej Gospodarki
Area(s) of expertise	Creating a team; Substantive / technological descriptions; Scheduling tasks
Experienced as a reviewer	Yes
Experience as a reviewer in Polish	wnioski w programach NCN i NCBR
Experience as a reviewer in English	Applications to NCN and NCBR programs.
Forms of cooperation	Meetings with the project team
Maximum number of hours devoted to mentoring	8
Preferred form of first contact	E-mail; Teams (chat)

Mentoring Offer



Mentors

Search...



Number of records: 41

Experienced as a reviewer

☐ Yes
☐ No

Project types

Tree

Area(s) of expertise

☐ Project concept
☐ Choosing a source of funding
☐ Creating a team
☒ Preparation of the application for co-financing
☐ Reviewing applications
☒ Implementation of the project

Research area

Units

☒ Warsaw University of Technology

System fields

[Apply filters](#) [Hide filters](#)

Order by:

[Export as:](#)

 Artur Jerzy Badyda > professor Department of Information Science and Environment Quality Research Faculty of Environmental Engineering	 Przemysław Bieчек > professor Department of CAD/CAM Systems Design and Computer-Aided Medicine Faculty of Mathematics and Information Sciences
 Anna Bogdan > associate professor Department of Heating and Ventilation Faculty of Environmental Engineering	 Katarzyna Budzyńska > associate professor Department of Philosophy and Ethics in Administration Faculty of Administration and Social Sciences
 Tomasz Ciach > professor Department of Biotechnology and Bioprocess Engineering Faculty of Chemical and Process Engineering	 Łukasz Ciupiński > associate professor Division of Materials Design Faculty of Materials Science and Engineering

Mentor Search

Person profile

[Profile](#)[Publications](#)[Publications](#)

Teams in UU: [test 123 The New R](#)

Research area

Science discipline:

polish studies (PS): 100%

Employment information

Staff group : Research-teaching st

Included for calculation of the 'N' r

Add project application



Project manager in UU *

Magdalena Szorc (KICHiP)



Contact details *

Enter contact details

Programme/initiative/fund name *

Enter name



Project type *

Select project type



Project title in Polish ? *

Enter project title in Polish

Project title in English ? *

Enter project title in English

Project acronym:

Enter project acronym

Role of UU in the project *

Enter role of UU in the project



Project implementation mode *

Enter project implementation mode



UU unit to which the project*
applies (e.g. Institute, Department)

Enter the unit



Institution to which the project is*
submitted

Enter the institution



Application submission deadline *

Enter application submission deadline

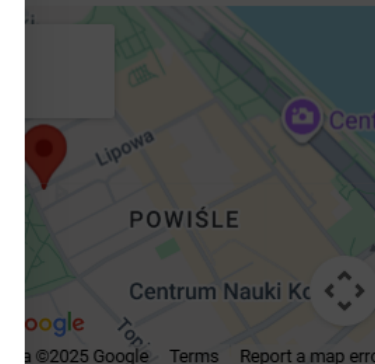


Planned project implementation*
period (in months)

Enter planned project implementation period

Planned project start date *

Enter planned project start date

[operation](#)[Evaluation](#)[Add achievement/publication](#)[references](#)

nmental sci...

ral physics

mechanical engine...

ions



Editable

Submit for review

Testowy1Testowy1

Project leader: Patrycja Dynarowicz-Latka

streszczenie

Application date: 01-07-2025

Call closing date: 01-07-2025

Scientific discipline: ethnology and cultural anthropology (ECA): 100%

Basic information

Consortium

Project budget

Additional data

Edit

Print

Implementation mode

single-handed

Project type / Program / Subprogram /
Action / Subaction (UU)

[Projects financed by NCRD](#) / [International Programs](#) / [Multilateral cooperation](#) / [EIG CONCERT - Japan](#)

Project subject class

developing research, fundamental research

Application status

[złożony, w oczekiwaniu na decyzję](#)

Project acronym

TEST

Applying unit from UU

[Department of Mathematical Analysis \(FMCS/DMatA\)](#) ([Faculty of Mathematics and Computer Science \(FMCS\)](#))

Administrator unit

[Institute of Machine Construction \(FM/IMC\)](#)

Enabling cooperation with
business and academia partners



Identification of potential

- Various stages of readiness
 - Ready-made services already implemented, patents
 - ready-made software, etc.
 - Experts and teams
 - Services in the conceptual phase
 - Ideas and inspirations
- Sources of knowledge
 - Analysis of services and work implemented to date (data from Omega-PSIR and ERP)
 - Submission Forms for researchers
 - Automatic suggestion of interesting topics using A.I. (based on the accumulated output in Omega-PSIR, including full texts)



A knowledge and research potential platform

Everywhere

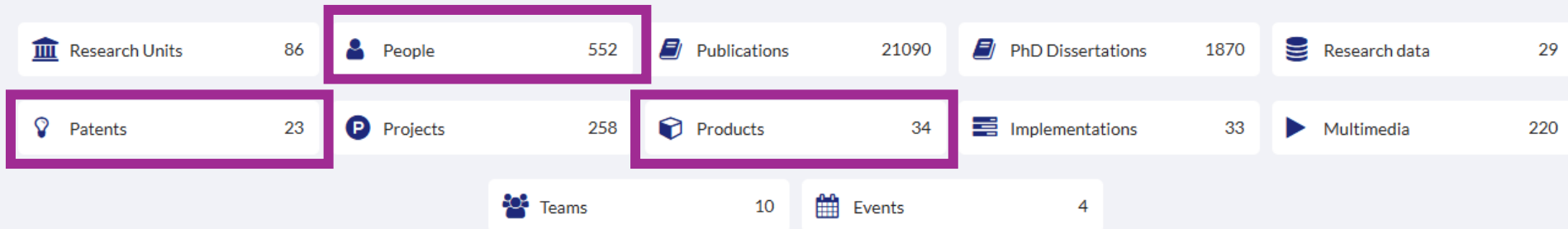


 Research Units	55	 People	614	 Publications	6127	 PhD Dissertations	268	 Research data	19
 Patents	111	 Projects	354	 Infrastructure	343	 Research service catalogue	30	 Architectural & artistic works	840
		 Domains	30	 Multimedia	144	 Cooperation with economic environment	195		

A knowledge and research potential platform

Search...

Everywhere



[Open Access in WUEB](#)

[Novelties in the Repository](#)



Search...

Everywhere

[Research Units \(55\)](#) [People \(614\)](#) [Publications \(6127\)](#) [PhD Dissertations \(268\)](#) [Research data \(19\)](#) [Patents \(111\)](#) [Projects \(349\)](#) [Infrastructure \(343\)](#)[Research service catalogue \(30\)](#)[Architectural & artistic works \(841\)](#)[Domains \(30\)](#)[Multimedia \(144\)](#)[Cooperation with economic environment \(195\)](#)

Number of records: 30



Order by:

relevance

[Export as:](#)

Report

Domains and disciplines

- ▶ ☐ Engineering and technology
- ▶ ☐ Natural sciences
- ▶ ☐ Agricultural sciences
- ▶ ☐ Medical and health sciences
- ▶ ☐ Social sciences
- ▶ ☐ Humanities
- ▶ ☐ The arts

Units

- ▼ ☒ Koszalin University of Technology
 - ▶ ☐ Faculty of Mechanical and Power Engineering
 - ▶ ☐ Faculty of Civil Engineering, Environmental and Geodetic Sciences

Apply filters

Hide filters

☐ [Measurements of the electrical elements and electronic circuits in the shielding conditions from external EM field >](#)

Affiliation: Katedra Elektroniki (WEil/KElekt), Menager / admin: Włodzimierz Janke

☐ [Technological trials of pilot bakery and fermented products >](#)

Affiliation: Katedra Procesów i Urządzeń Przemysłu Spożywczego (FMPE/KPiUPS), Menager / admin: Monika Marianna Sterczyńska

☐ [Decision support systems >](#)

Affiliation: Katedra Podstaw Informatyki i Zarządzania (WEil/KPiIZ), Menager / admin: Krzysztof Jan Bzdrya

☐ [Laser cutting and engraving on the laser with a maximum working area of 1300mmX900mm, thickness of cutting in plastics up to 3 cm >](#)

Affiliation: Katedra Mechatroniki i Automatyki (FMPE/KMiA), Menager / admin: Tomasz Piotr Królikowski

☐ [Adjustment of surveying instruments - research service/laboratory >](#)

Affiliation: Katedra Geodezji (WILŚiG/KGeod), Menager / admin: Krzysztof Deska

☐ [Measurements of computer networks - basic tests of network performance >](#)

Affiliation: Katedra Systemów Cyfrowego Przetwarzania Sygnałów (WEil/KSCPS), Menager / admin: Robert Mariusz Suszyński

[Back](#)

Research physical and chemical properties of food

Joanna Piepiórka-Stepuk

Description

Rheological tests of food (density, viscosity and texture), color determination (in the CIEL*a*b*; b, cylindrical C*H* color space, on the mg Pt/l scale), tests of the physical properties of liquid food (wetting properties, surface tension, turbidity, conductivity, etc.), food testing (e.g. determination of dry matter, ash content, reaction, acidity, content of selected nutrients and bioactive substances) and other tests determined by standardized analytical and spectrophotometric test procedures.

Service catalogue

[Basic information](#) [Additional data](#)

Record ID	KUTa9dc6f545d6c4849b32bd5e32aff848d
Record status	Completed
Full name in Polish	Badania wybranych właściwości fizycznych i chemicznych żywności
Full name in English	Research physical and chemical properties of food
Status	Working
Menager / admin	Joanna Piepiórka-Stepuk (FMPE/KPiUPS)
Wokrkers	Zdzisław Domiszewski (FMPE/KPiUPS) Monika Marianna Sterczyńska (FMPE/KPiUPS) Sylvia Honorata Mierzejewska (FMPE/KPiUPS)

Search...

Everywhere



Research Units (86)

People (552)

Publications (21090)

PhD Dissertations (1870)

Research data (29)

Patents (23)

Projects (258)

Products (34)

Implementations (33)

Multimedia (220)

Teams (10)

Events (4)

Number of records: 34

Production year
from: to:

Product type

☐ artistic work
☐ survey
☐ know-how
☐ licence
☐ material
☐ method
☐ scientific work
☐ software
☐ procedure
☐ strategy
☐ technology
☐ other

☐ any ☐ not given

Author
all

☒ ☒ ☒ ☐ Order by: relevance

Export as:

☐ **Identification, diagnosis and analysis of the organizational model and management system based on strategic workshops >**

Grzegorz Bełz (BM/DTDO) , Przemysław Wołczek (BM/DSMa) , Łukasz Wawrzynek (BM/DTDO) : Identification, diagnosis and analysis of the organization model and management system based on strategic workshops , 2019 (expertise)

☐ **Carrying out research work as part of the research project "Society on the road to climate neutrality" implemented with the funds of the National Fund for Environmental Protection and Water Management, contract number: 1946/2020/Wn50/NE-OA-KU/D >**

Stanisław Korenik (E&F/DSEaLGA) , Dorota Rynio (E&F/DSEaLGA) , Alicja Zakrzewska-Półtorak (E&F/DSEaLGA) , Piotr Hajduga (E&F/DSEaLGA) , Alicja Kozak (E&F/DIB) : Carrying out research work as part of the research project "Society on the way to climate neutrality" funded by the National Fund for Environmental Protection and Water Management, contract number: 1946/2020/Wn50/NE-OA-KU/D , 2021 (scientific work)

☐ **Carrying out research work on the preparation of the ESG report for 2018-2020 >**

Hanna Sikacz (BM/DLCI) , Dorota Teneta-Skwiercz (BM/DEaOE) : Research work on the preparation of the ESG report for 2018-2020 , 2021 (scientific work)

☐ **Preparation of an expert opinion including: – a critical analysis of the court expert's opinion from the point of view of the selection of valuation methods and performed valuations as well as an assessment of the court expert's credibility, – valuation of the company using the discounted cash flow method, the multiplier method and the comparable transactions method. >**

Krzysztof Jajuga (E&F/DoFlaRM) , Paweł Rokita (E&F/DoFlaRM) , Radosław Pietrzyk (E&F/DoFlaRM) , Tomasz Słoiński (E&F/DoCFaPF) : Preparation of an expert opinion covering: – critical analysis of the court expert's opinion from the point of view of the selection of valuation methods and performed valuations as well as assessment of the court expert's credibility, – company valuation using the discounted cash flow method, the multiplier method and the comparable transactions method. , 2021 (expertise)

☐ **Preparation of an expert opinion covering the economic analysis of transactions involving the trading of receivables and liabilities of the law firm's client >**



[Back](#)

Research apparatus

DNA sequencing equipment

Nanopore, MinION Mk1B

Set of infrastructure elements

[The Centre for Advanced Materials and Technologies](#)

Administrator: [Jakub Krzemiński](#) ✉

Availability from: 02-12-2024

Nanopore sequencing is a scalable solution, from sample preparation through sequencing to data analysis. It enables you to access a world of rich genomic insight from native or amplified DNA and RNA.



Description

Specification

Equipment

Offer

Multimedia

Administrative data

MinION is a powerful, portable sequencing device that delivers immediate access to gigabases of long-read data.

The pocket-sized, USB-powered MinION allows you to sequence anything, anywhere — from the bench to the field — with real-time analysis providing immediate access to actionable results. The same long-read, direct RNA and DNA sequencing workflows are available across our products, providing truly scalable sequencing.

The applications cover

- Whole genomes/exomes
- Metagenomics
- Targeted sequencing
- Whole transcriptome (cDNA)
- Smaller transcriptomes (direct RNA)
- Multiplexing for smaller samples
- Particularly suitable for field use



Research apparatus

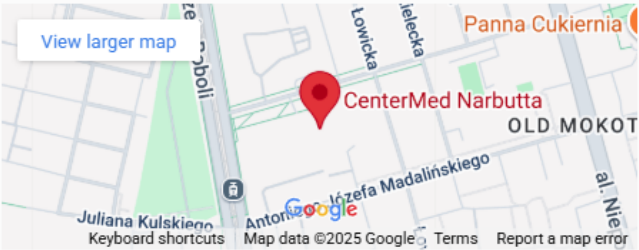
DualBeam scanning microscope

Hitachi, NB5000

[Electron Microscopy Laboratory \(LabEM\)](#)

Administrator: [Tomasz Płociński](#) 

Contact person: [Tomasz Płociński](#) 



Dual beam scanning microscope is used to prepare samples for observation in TEM . Research capabilities cover a wide range of research related to the field of materials engineering, in particular, it can be used for: Particle and pore size and shape analyses, Measuring the thickness of micro- and nanometer-sized coatings. Scanning-transmission imaging (STEM): bright field (BF), dark field (DF), wide-angle dark field (HAADF). Three modes of operation are possible: High vacuum (HV), Low vacuum (LV), Environment (ESEM).

[Description](#) [Specification](#) **[Offer](#)** [Multimedia](#) [Administrative data](#)

The equipment has the following measurement capabilities

1. Analyzing the size and shape of particles and pores, measuring the thickness of micro- and nanometer-sized coatings.
2. Scanning-transmission imaging (STEM):
 - bright field (BF),
 - dark field (DF),
 - wide-angle dark field (HAADF).
3. Three modes of operation:
 - High vacuum (HV),
 - Low vacuum (LV),
 - Environment (ESEM).

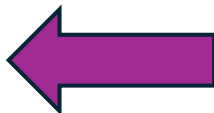
WUT employees are offered access to the equipment according to the general rules of the Electron Microscopy Laboratory. Please contact the Laboratory Manager .

For users from other universities and businesses, please contact the Laboratory Manager

[Info on WIM page](#)

Research service requests

[Submit infrastructure service need](#)



B I U S A T x³ x₂

?

Enter the description

CHARS: 0 WORDS

B I U S A T

? Enter the detailed description of research needs

B I U S A T

?

Enter quantitative requirements

CHARS: 0 WORDS

Profile

From	8/9/2021
Fields of expertise	Chemical testing of soil and food
Additional information	Soil Element content Range: Cadmium (0.19 - 400) mg/kg Lead {15 - 8000) mg/kg Zinc (20 - 20000) mg/kg, Inductively coupled plasma atomic emission spectrometry method (ICP-OES) PN-EN 16170:2016 Vegetables and their products Lead (0.044 - 2.0) mg/kg Atomic absorption spectrometry method (ETAAS) PB No. 1, version III of 01/06/2021 Soil Element content Range: (0.01 - 0.5) mg/kg Cold vapour fluorescence atomic spectrometry method (CVAFS) PB No. 2, version III of 01/06/2021

- Basic information
- Additional data
- Complete record

Start date	17-06-2019
------------	------------

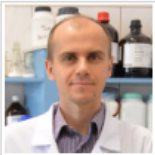
Affiliation	Silesian Medical University in Katowice (Śląskie)
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Contact	Type of contact information Street no House No
---------	---

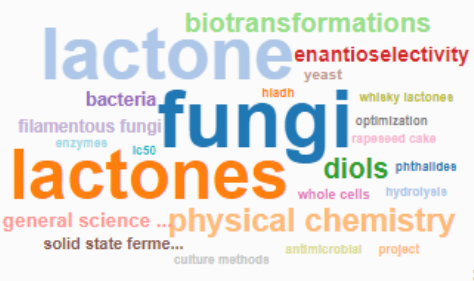
Permission	Permission type	permission1
	Name PL	Chemical testing of soil and food
	Decision number	AB 1717
	Grant date	17-06-2019
	Confirmation organization	Polish Centre for Accreditation (PCA)
	Localization of confirmation organization	POLAND
	Description PL	Accreditation of the national accreditation body: Chemical testing of soil and food

Procedure	Name PL	Content of elements in: soil, vegetables and their products, fish and their products, seafood and their products
	From	6/17/2019
	To	6/16/2023
	Procedure range PL	Fish and fish products Seafood and fish products Mercury content Range: (0.01 - 0.5) mg/kg Cold vapour fluorescence atomic spectrometry method (CVAFS) PB No. 2, version III of 01/06/2021 Soil Element content Range: Cadmium (0.19 - 400) mg/kg Lead (15 - 8000) mg/kg Zinc (20 - 20000) mg/kg Inductively coupled plasma atomic emission spectrometry method (ICP-OES) PN-EN 16170:2016 Vegetables and their products Lead (0.044 - 2.0) mg/kg Atomic absorption spectrometry method (ETAAS) PB No. 1, version III of 01/06/2021

Experts



Filip Boratyński
University professor
Department of Biocatalysis and Food Chemistry
Faculty of Biotechnology and Food Science 
Email: filip.boratynski@upwr.edu.pl



[Profile](#) [Publications](#) [Promoted theses](#) [Co-promoted theses](#) [Patents](#) [Projects](#) [Media](#) [Teams](#) [Activities](#) [Achievements](#) [Citations](#) [Statistics](#) [Cooperation](#)

☐ Include multi-center publications [Edit](#) [Add researchdata](#)

Teams in UPWr:
Biocatalysis and biological activity (BioActiv) - Leader

Achievements summary

[Researcher Report](#) [KKD](#)

Publications	71
Supervision	29
Co-supervision	4
Patents	11
Participation in projects	1
Media	1
Teams	1
Professional activity	1
Professional achievements	7

Career 

Bibliometry*

h-index (Scopus Citations)	11
h-index (WoS Citations)	11
Total IF	108.275
Total SNIP	26.368
Total MEIN score	2,952

Identifiers

 0000-0002-3216-9527 

[Scopus profile](#) [Status Scopus](#)

[Web of Science profile](#)

Research area

Science discipline:

biotechnology (BT): 75% N
nutrition and food technology (FNT): 25% N

Employment information

Staff group:

Research-teaching staff

Included for calculation of the 'N' number

Related pages

[ORCID](#)
[Scopus](#)
[EuropePMC](#)
[Crossref](#)

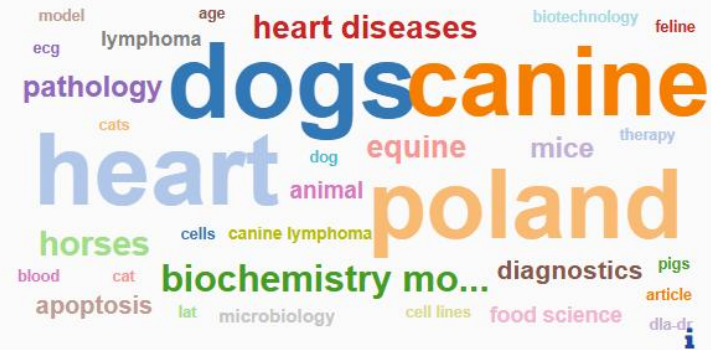
Research Teams



Veterinary oncology

OncoVet

Leading Research Group



[Profile](#)
[Team](#)
[Publications](#)
[Research data](#)
[Projects](#)
[Statistics](#)
[Members cooperation](#)
[External cooperation](#)

Report

Publications	12
Research data	2
Participation in projects	3
Participation in UPWr internal projects	5

Areas of interest

- DNA damage and repair pathways as potential targets for new therapies for cancer in animals
- Application of molecular biology in the development of novel diagnostic and therapeutic approaches in companion animal cancers
- Development and application of 3D cultures and canine organoids in veterinary oncology
- The role of P-glycoprotein (Pgp) in resistance to chemotherapy and cytostatic toxicity – a population-based study of the gene polymorphism for Pgp in dogs
- Development of new, local treatments for treating cancers in horses
- Flow cytometry in diagnosing and treating cancer
- Histiocytic cancers
- The role of oestrogen receptors in canine tumours



Research Units (86) People (552) Publications (21090) PhD Dissertations (1870) Research data (29) Patents (23) Projects (258) Products (34) **Implementations (33)**

Multimedia (220) Teams (10) Events (4)

Number of records: 33

Implementation year

from: to:

Implementation subject

☐ Product

☐ Patent/model

Units

☒ Wrocław University of Economics and Business

☐ Faculty of Economics and Finance

☐ Faculty of Production Engineering

☐ Faculty of of Business and Management

☐ Main Library

☐ Doctoral School

☐ other units

System fields

Apply filters

Hide filters

☒ ☐ Order by: last added

⋮

Export as: Full CSV

☐ [R-B-SOP.0252.2.137.2022 >](#)

Barbara Mróz-Gorgoń (BM/DPM) :Research work including the study of financial awareness of young Poles, 2022 (scientific work) [Faculty of of Business and Management (BM); CRIF sp. z o.o.]

☐ [R-BP-SOP.0252.2.14.2021 >](#)

Hanna Sikacz (BM/DLCI) , Dorota Teneta-Skwiercz (BM/DEaOE) :Research work on the preparation of the ESG report for 2018-2020 , 2021 (scientific work) [MPWIK S.A.]

☐ [R-BP-SOP.0252.2.161.2022 >](#)

Joanna Harasym (PE/DBFA) :Viscosity analysis in the mayonnaise sample, 2022 (expertize) [Eggs Product sp. z o.o.]

☐ [R-BP-SOP.0252.1.9.2022 >](#)

Agnieszka Orkusz (PE/DBFA) , Joanna Harasym (PE/DBFA) , Karol Banaś (PE/DBFA) :Research in the area of high-quality food storage – analysis of physical and microbiological air purity in concrete modules intended for food storage , 2022 (scientific work) [Ready Bathroom sp. z o.o.]

☐ [R-BP-SOP.0252.1.4.2021 >](#)

Agnieszka Orkusz (PE/DBFA) , Joanna Harasym (PE/DBFA) :Research work within the project entitled "Development and automation of technology for the production of disposable, biodegradable and ecological tableware for high-quality food based, among others, on fractions from the milling of ancient cereals - BranTec" , 2022 (scientific work) [SDA Group sp. z o.o.]

☐ [R-BP-SOP.0161.2.40.2021 >](#)

Stanisław Korenik (E&F/DSEaLGA) , Dorota Rynio (E&F/DSEaLGA) , Alicja Zakrzewska-Półtorak (E&F/DSEaLGA) , Piotr Hajduga (E&F/DSEaLGA) , Alicja Kozak (E&F/DIB) :Carrying out research work as part of the research project "Society on the way to climate neutrality" funded by the National Fund for Environmental Protection and Water Management, contract number: 1946/2020/Wn50/NE-OA-KU/D , 2021 (scientific work) [University of Economics in Katowice]



You are here: [Start](#) > **SMART FLUID – SHEAR THICKENING FLUIDS**

[Back](#)

SMART FLUID – SHEAR THICKENING FLUIDS

Basic information

[Copyrights](#)

[Descriptions](#)

[Author's evaluation](#)

[Evaluation](#)

[Market analysis](#)

[Links](#)

Record status	Completed
Technology phase/status	concept
Technology name in Polish	SMART FLUID – PŁYNY ZAGĘSZCZANE ŚCINANIEM
Technology name in English	SMART FLUID – SHEAR THICKENING FLUIDS
Offering unit from WUT	Faculty of Chemistry (FC) Faculty of Materials Science and Engineering (FMSE)
Author / leader	Łukasz Wierzbicki (FMSE/DCFM)

[Full data \(no tabs\)](#)



Uniform Resource Identifier: <https://repo.pw.edu.pl/info/technology/WUT89fe1e87ed034de08d38db7b7d9de7d3/>

URN: urn:pw-repo:WUT89fe1e87ed034de08d38db7b7d9de7d3

Concept in Polish



Konkurencja:

- balistyka – mała konkurencja
- ochraniacze sportowe – duża konkurencja
- wibroizolacja – duża konkurencja
- właściwości zagęszczane ścinaniem – mała konkurencja



Główni odbiorcy:

- balistyka – siły specjalne, armia i organy ścigania
- ochraniacze sportowe – sportowcy zawodowi i amatorzy
- wibroizolacja – producenci amortyzatorów samochodowych, samolotowych, motocyklowych wraz z ochroną przed drganiami trzęsień ziemi dla budynków, mostów itp.
- właściwości zagęszczane ścinaniem – naukowcy



Dojrzałość rynku:

- balistyka – rynek w fazie dojrzałego rozwoju
- ochraniacze sportowe – rynek w fazie dojrzałego rozwoju
- wibroizolacja – rynek rozwija się
- właściwości zagęszczane ścinaniem – rynek dopiero powstaje

Concept in English



Competition:

- ballistics – low competition
- sports protective equipment – high competition
- vibration isolation – high competition
- shear thickening properties – low competition



Main users:

- ballistics – special forces, armed forces and law-enforcement bodies
- sports protective equipment – professional and amateur athletes
- vibration isolation – manufacturers of shock absorbers for cars, aircrafts and motorcycles, together with the protection against earthquake vibrations for buildings, bridges, etc.
- shear thickening properties – scientists



Market maturity:

- ballistics – market at a mature stage of development
- sports protective equipment – market at a mature stage of development
- vibration isolation – the market is developing
- shear thickening properties – the market is being created

Presentation of the Offer

- Complete merit description
- Photos or other multimedia
- Person responsible
- Contact form / Call for action
- Previous projects involving the same service (references)

Offer dissemination

- Within Omega-PSIR/CRIS
 - Within the university's homepage
 - At Partners CRIS?
-
- Email marketing / sales process

Search...

Partner Search ▾



Research Units (329)

People (2221)

Publications (53328)

PhD Dissertations (1591)

Research data (37)

Patents (86)

Projects (602)

Infrastructure (22)

Laboratories (2)

Multimedia (70)

Teams (37)

Events (3)

Number of records: 22

Infrastructure type

- ☐ Research and support apparatus
- ☐ Computing environment
- ☐ Technological infrastructure

Set of infrastructure elements

- ☐ Yes ☐ No

Usage scope

- ☐ internal
- ☐ external

Contact person

Household/admin

Apply filters

Hide filters



Order by:

relevance



[Export as:](#)

Report ▾

☐ [Low-temperature freezing system for biobanked samples >](#)

Freezers: Eppendorf/UK. Equipment, freezer control system, lid release device - Labmind Polska Sp. z o. o./Poland

Keywords: Innova C760 low temperature freezers with control system

☐ [Kit for automatic isolation of blood subfractions >](#)

Kit designed and assembled by Labmind Sp. z o. o./Poland. Component manufacturers: robotic arm: Uniwersal Robots/Denmark, centrifuge: MPW/Poland, camera: ODS Imaging Developpe System/Germany, pipetting device: Andrew Alliance/Switzerland, thermoblock and shaker: Quantifoil Instruments GmbH/Germany, scanner: Motorola/Zebra.

Keywords: UR3, IDS UI-3130CP

☐ [System for in vitro vessel analysis using optical techniques. >](#)

Danish Myo Technology A/S /Dania, Watson Marlow Ltd./UK, Carl Zeiss Suzhou Co.Ltd./Chiny

Keywords: DMT Pressure Myograph System

☐ [HPS 010 Comprehensive Patient Simulator >](#)

CEA Healthcare, USA.

Keywords: HPS 010

Partner Search

Browsing

- Search engine
- “Store shelf” -> landing page designed for business audience
- Chatbot/AI Assistant

Search engine

- Does the business know what to ask?
- How to categorize services from different disciplines?
- What filters to use?
- What to do if a specific service has not yet been defined?
- Uncomfortable search (many types and tabs)
- Keywords do not always have to match (scientific vs. business language)

Sylwetki naukowców



dr Piotr Kowalski

Wydział Biologii i Biotechnologii

Genetyka

Specjalizujemy się w biologii molekularnej, genetyce oraz immunologii. Nasze badania koncentrują się na zrozumieniu interakcji między DNA a układem odpornościowym oraz molekularnych podstaw budowy tkanek i narządów



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[Zobacz więcej](#)

Nadchodzące wydarzenia

09 - 13
CZERWCA

EAHIL Workshop 2025
Łódź, Polska

09 - 13
CZERWCA

EAHIL Workshop 2025
Łódź, Polska

09 - 13
CZERWCA

EAHIL Workshop 2025
Łódź, Polska

09
CZERW

EAHIL W
Łódź, Pols

Współpraca

Współpracujemy z 52 uczelniami w
31 państwach

52

PROJEKTY

311

PUBLIKACJI

12

PATENTÓW



Laboratoria

Pracownia Neurobiologii i Badań nad Układem Nerwowym

Pracownia badań nad mechanizmami działania mózgu, neurodegeneracją,
neurofarmakologią...

+48 123 456 789

uniwersytet@medyczny.edu.pl

ul. Prosta 1
01-001, Warszawa
Polska

Laboratorium Biotechnologii Medycznej i Inżynierii Tkankowej

Pracownia badań nad mechanizmami działania mózgu, neurodegeneracją,
neurofarmakologią...

+48 123 456 789

uniwersytet@medyczny.edu.pl

ul. Prosta 1
01-001, Warszawa
Polska

[Zobacz więcej](#)

Aparatura badawcza



Mikroskop stereoskopowy z kamerą

Pracownia badań nad mechanizmami działania mózgu, neurodegeneracją, neurofarmakologią...



Mikroskop stereoskopowy z kamerą

Pracownia badań nad mechanizmami działania mózgu, neurodegeneracją, neurofarmakologią...



Mikroskop stereoskopowy z kamerą

Pracownia badań nad mechanizmami działania mózgu, neurodegeneracją, neurofarmakologią...



Mikroskop stereoskopowy z kamerą

Pracownia badań nad mechanizmami działania mózgu, neurodegeneracją, neurofarmakologią...

[Zobacz więcej](#)

Zespoły badawcze



+3



BioActiv – Biokataliza i aktywność biologiczna

Lider: dr hab. inż. Filip Boratyński, profesor uczelni

Biokataliza

Fosfolipidy

Polifenole

Steroidy



+3



BioActiv – Biokataliza i aktywność biologiczna

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Biokataliza

Fosfolipidy

Polifenole

Steroidy



+3



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Biokataliza

Fosfolipidy

Polifenole

Steroidy



+3



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Biokataliza

Fosfolipidy

Polifenole

Steroidy

Projekty badawcze



Fundusze Europejskie dla Nowoczesnej Gospodarki
Rozwojem Polityki
Dofinansowane przez Unię Europejską

ClaSM

Projekt dofinansowany z Funduszy Europejskich dla Nowoczesnej Gospodarki (FENG)



SONATINA 7

Projekt realizowany w ramach programu SONATINA Narodowego Centrum Nauki na projekty badawcze



OPUS 23

Projekt realizowany w ramach programu OPUS Narodowego Centrum Nauki na projekty badawcze, w tym finansowanie zakupu lub wytworzenia aparatury naukowo-badawczej niezbędnej do realizacji tych projektów.



OPUS 23

Projekt realizowany w ramach programu OPUS Narodowego Centrum Nauki na projekty badawcze, w tym finansowanie zakupu lub wytworzenia aparatury naukowo-badawczej niezbędnej do realizacji tych projektów.



Badanie kliniczne 2 fazy oceniające skuteczność i bezpieczeństwo dodania kładrybiny w leczeniu...

Projekt finansowany ze środków Agencji Badań Medycznych w ramach konkursu na realizację projektów badawczo-naukowych dotyczących...

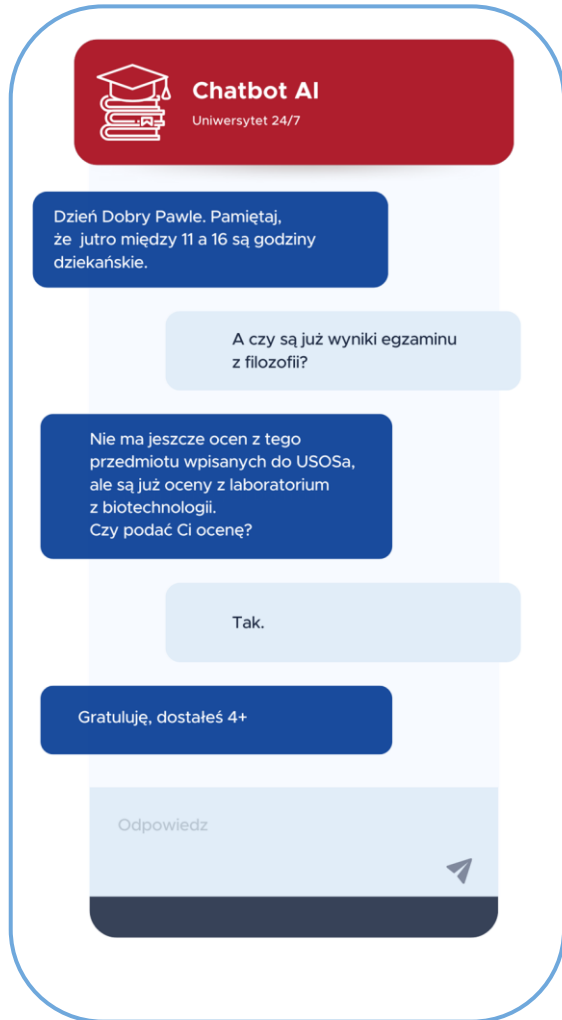


Optymalizacja postępowania oraz leczenia małych pacjentów z rozrostami z komórek...

Projekt finansowany ze środków Agencji Badań Medycznych w ramach konkursu na realizację projektów badawczo-naukowych dotyczących...

[Zobacz więcej](#)

AI Assistant



- Leads dialogue
- Understands business and scientific jargon
- Can clarify
- Can search through the current offer or previously provided services to find something that best suits your needs
- If nothing can be found, they will make something up according to the Polish principle of “you will be satisfied” ;)

Big Picture



Offer, implementations, Partners
(in CRIS terms)

ERP

Customers and deals in financial terms

CRM

Price lists, sales process and customer
relationship management

Email
marketing

Search...

Everywhere



Research Units (55) People (614) Publications (6127) PhD Dissertations (268) Research data (19) Patents (111) Projects (354) Infrastructure (343)

Research service catalogue (30) Architectural & artistic works (840) Domains (30) Multimedia (144) **Cooperation with economic environment (195)**

Number of records: 195

Years

from: to:

Units

▼ ☒ Koszalin University of Technology

▶ ☐ Faculty of Mechanical and Power Engineering

▶ ☐ Faculty of Civil Engineering, Environmental and Geodetic Sciences

▶ ☐ Faculty of Electronics and Computer Science

▶ ☐ Faculty of Economic Science

▶ ☐ Faculty of Humanities

▶ ☐ Institute of Design

☐ Branch of the Koszalin University of Technology

☐ Doctoral School

☐ Department of Foreign Languages

Apply filters

Hide filters

◀ ☒ ☒ ☐ Order by: last added ▼

⋮

Export as: Full CSV ▼

27 FEB	☐ SEOgroup Interactive Joint Stock Company with its registered office in Koszalin ▶ Korczak Jerzy Andrzej: Content Partnership Agreement, Agreement to cooperate
30 AUG	☐ European Rural Development Network ERDN ▶ Radlińska Kamila Magdalena: Agreement on cooperation in the organization of the Scientific Conference, Agreement to cooperate
23 NOV	☐ Linnaeus University - Sweden ▶ Ossowska Luiza Julita: The Project Collaboration Agreement, Contract of cooperation
18 MAR	☐ Akademia Sztuk Pięknych w Gdańsku ▶ Radecka Katarzyna Karolina: Porozumienie u współpracy przy organizacji wystawy Adam Haupt realizowanej w terminie 4.04.2025-03.05.2025 na ASP w Gdańsku , Agreement to cooperate
12 JUN	☐ MDT Production Sp. z o.o. Sp. k.; ul. Wypoczynkowa 57, 62-081 Baranowo ▶ Radecka Katarzyna Karolina: Sunfestiwal i Sunrise Festival, Agreement to cooperate



You are here: [Start](#) > [More](#) > [Partner institutions](#)

Institutional partners



Search...



Number of records: 92

☐ Show subunits

Category

- ☐ Scientific unit / Educational institution (39)
- ☐ Administration institution
- ☐ Business / Industrial institution (6)
- ☐ Health Service (2)
- ☐ Other (6)

Role in the science

- ☐ Institution financing grants
- ☐ Institution granting patent
- ☐ Institution belonging to the higher education & science system

Publisher

- ☐ Ministerial score list
- ☐ not from Publisher List

Framework agreement

- ☐ Yes
- ☐ No

Country

- ☒ choice ☐ search
- ☒ Türkiye (92)

Region

- ☐ Western Asia (90)
- ☐ Asia (90)

Effects of cooperation with WUT

- ☐ Yes
- ☐ No

Apply filters

Hide filters

☒ ☒ ☒ ☐ Order by: number of publications/name

[Export as:](#) Pivot table

☐ [Istanbul Technical University >](#)

Educational institution, Türkiye, Istanbul

☐ [Bilkent University, Turkey >](#)

Educational institution, Türkiye, Ankara

☐ [Marmara Üniversitesi >](#)

Educational institution, Türkiye, Istanbul

☐ [Middle East Technical University Ankara, Türkiye >](#)

Educational institution, Türkiye, Ankara

☐ [Mersin Üniversitesi >](#)

Türkiye, Mersin

☐ [Yildiz Technical University >](#)

Educational institution, Türkiye, Istanbul

☐ [İstanbul Faculty of Medicine >](#)

Türkiye, Istanbul

☐ [İstanbul Sabahattin Zaim University >](#)

Türkiye, Kucukcekmece



You are here: [Start](#) > [More](#) > [Partner institutions](#) > [Ege Üniversitesi \(EGE\)](#)

[Back](#)

Institution profile

Ege Üniversitesi (EGE)

[Homepage](#)

Turkey, Izmir

Scientific unit ,Educational institution

[ROR.org](#) [wikidata.org](#)



Publications (4)

Joint projects (1)

Cooperation

Number of records: 1

Implemented during

☒ choice ☐ range

☐ 2015 (1)

☐ 2014 (1)

☐ 2013 (1)

☐ 2012 (1)

Leader

☒ choice ☐ search

☐ Małgorzata Lewandowska (1)

Project team

☒ choice ☐ search

Team (research, expert, scientific, other)

☒ choice ☐ search

Project type / program (archive)

Apply filters

Hide filters

🔍 ☒ ☒ ☐ Order by: year/type 🔔 📈

⋮ [Export as:](#) Old model matching ▼

2012 [1]

☐ **Boosting collaboration between research centres and industry to enhance rapid industrial uptake of innovative functional textile structures and textile related materials in a mondial market >**

[290500] Project leader at WUT: Małgorzata Lewandowska, start date 01-01-2012, end date 31-12-2015, finished, implemented

Reporting

- Internal Reporting
- National Reporting

▶ Available fields

▶ Custom aggregators

▶ Functions

Avallabe

Administrator unit

Leader's affiliation 

Budget implemented

Czas trwania projektu

agreement date

Description file in English

Description file in Polish

Description in English

Description in Polish

global funding PLN

Final funding

GBAORD classification 

Implementing unit from WUT 

contracting authority

institute

Unit budget by year

Koszty poniesione przez PW

Unit funding

Unit funding by year

Lata finansowania

year

Leader / Main executor

Leading unit from WUT 

Lump sum settlement

NSC panel

decisionNo

contractNo

projectNo

projectagreement.agreementNo

usageDomain

resultsEN

resultsPL

Own contribution

Own contribution

previousLeader

Related patents

Related Products

Related publications

Project duration (in months)

Project leader at WUT

Project Status

Project subject class

Record status

Related implementations

polon type 

start year

agreement year

end date

Science area, domain, discipline 

Leader status

keywordsPL

Total budget of WUT

Total final budget

type

title in English

projectagreement

VAT settlement

Leader age 

WUT role in the project

faculty

coworker

yeardata budgetPLN

Rows

Unit   

project type   

Columns

— Agregatory (3)

☒ Aggregation field:

global funding PLN

function: Sum

Name: budget

Aggregated value format: 

☐ Aggregation field:

Project leader at WUT

function: Not exists

Name: Project leader at WUT - Not exists

Thank You

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j.koperwas@sages.com.pl