

WARSAW UNIVERSITY OF TECHNOLOGY

Resolution No. 2/2022
of the Scientific Council of the Priority Research Area
Artificial Intelligence and Robotics
of 28 September 2022

on the announcement of the AIR-LEADER competition within the implementation of the “Excellence Initiative – Research University” programme at the Warsaw University of Technology

Under § 7 section 2 items 2 and 3, pursuant to § 4 section 2 item 6 of the Regulations for Research Centres for Priority Research Areas (POB) of the Warsaw University of Technology, constituting an appendix to the WUT Rector’s Regulation No. 38/2020 of 26 February 2020 on establishing Research Centres for Priority Research Areas (POB) within the implementation of the “Excellence Initiative – Research University” programme at the Warsaw University of Technology, it is resolved as follows:

§ 1

1. The AIR-LEADER competition is announced within the implementation of the “Excellence Initiative – Research University” programme at the Warsaw University of Technology.
2. The competition mentioned in section 1 is implemented under the principles specified in the Regulations constituting an appendix to this Resolution.
3. The closing date for applications is 10 January 2023.
4. Projects implemented within the competition mentioned in section 1 shall be completed by 31 December 2025.

§ 2

This Resolution enters into force upon adoption.

Chairperson of the Scientific Council POB AIR

Professor Cezary Zieliński, PhD, DSc

Regulations for the AIR-LEADER Competition

§ 1

1. The competition for scientific leaders, hereinafter referred to as “the AIR-LEADER competition”, is launched within the implementation of the “Excellence Initiative – Research University” programme at the Warsaw University of Technology, hereinafter referred to as “the IDUB programme”.
2. The competition aims to increase the WUT’s research potential through employing doctors or habilitated doctors or inviting outstanding research staff (guests), who deal with the issues in the field of the POB “Artificial Intelligence and Robotics” for a stay no shorter than 30 days.
3. The topics of research work conducted by the employed or invited person may refer specifically to:
 - 1) the teaching methods in signal and image processing,
 - 2) artificial intelligence methods in perception and decision-making,
 - 3) robots oriented at collaboration with humans.
4. The competition is financed by the strategic funds of the Research Centre POB “Artificial Intelligence and Robotics”, hereinafter referred to as “POB AIR”.
5. Doctors or habilitated doctors shall be employed in the positions of employees who are not academic teachers, in the group of science/research employees, under the principles applicable at the Warsaw University of Technology. The employment will last 33 months (i.e. until 31.12.2025). Moreover, the first employment period will last 16 months, after which the achievements of the employed person shall be verified by the members of the Scientific Council POB AIR. In the event of a positive evaluation, the agreement will be concluded for the subsequent 17 months. The employment shall not include the employees of the Warsaw University of Technology as part of changes in the employment conditions.
6. During their stay at the Warsaw University of Technology, outstanding scientific employees (guests) will be financed for the period of 1 to 6 months under the concluded contracts of mandate. An invited person participating in the project must not be a WUT employee.
7. The application for funding the employment of doctors or habilitated doctors (candidates) and the invitation of outstanding scientists in the AIR-LEADER competition, hereinafter referred to as “the application”, prepared in compliance with the template in Appendix No. 1 to these Regulations, shall be submitted by a mentor, after being signed by the Dean of Faculty and, if applicable, by the Director of Institute and the Bursar’s Proxy.
8. The application is sent in an electronic format by email to the address pob.air@pw.edu.pl.
9. A mentor may be an employee of an employing or inviting faculty or institute, at least with a habilitated doctoral degree, who will actively participate in the selection of the employed scientific leader or the invitation of an appropriate person and in the submission of the application to POB AIR. Upon the mentor’s request, members of the Scientific Council of POB AIR may take part in the recruitment process.
10. The project cost estimate in the AIR-LEADER competition, prepared in compliance with the template in Appendix No. 2 to these Regulations, is an integral part of the application. The total cost of remuneration including related items and the employer’s costs of the employed person may not exceed PLN 160 000 gross annually. The monthly remuneration with the costs of the contracting party of the outstanding scientific employee (guest) may not exceed PLN 12 000 gross. The total costs of employment or stay of an outstanding scientific employee shall be shared by POB AIR and the employing or inviting faculty or institute - 70% and 30%, respectively.
11. The employing or inviting faculty or institute shall provide access to equipment and rooms indispensable for the implementation of tasks devised for the employed or invited person.

§ 2

1. The person employed as part of the project implemented as a result of the competition is expected:
 - 1) to build their own research team or substantially strengthen the existing one, and obtain external funding for its support; the team may be created from currently employed WUT employees, WUT doctoral students and newly employed persons;
 - 2) to publish research papers on artificial intelligence or robotics with WUT affiliation in renowned journals or materials at renowned conferences (publications from the upper decile according to the CiteScore of the Scopus database -TOP10);
 - 3) to commence international collaboration;
 - 4) to submit patent applications.
2. The invited outstanding scientific employee (guest) is expected:
 - 1) to publish scientific papers on artificial intelligence or robotics jointly with WUT employees in renowned journals or materials at renowned conferences (publications from the upper decile according to CiteScore of the Scopus database -TOP10);
 - 2) to apply for external grants jointly with WUT employees;
 - 3) to give seminar lectures at WUT;
 - 4) to co-organise a summer or winter school at WUT.

§ 3

1. The evaluation criteria for applications include:
 - 1) the scientific excellence of the employed or invited person and compliance of the proposed research topics with POB AIR;
 - 2) the ability to achieve outcomes specified in the application by the employed or invited person;
 - 3) the scientific excellence of the mentor;
 - 4) the proposed measurable outcomes of the implementation of the submitted application;
 - 5) rooms and equipment made accessible to the employed or invited person by the faculty or institute.
2. The extent to which the requirements listed in § 2 are fulfilled has an impact on the evaluation of the application.
3. The Scientific Council POB AIR creates ranking lists of applications eligible for financing and forwards them to the IDUB Project Office.
4. The Head of Management Team of the IDUB project, hereinafter referred to as „Head of IDUB”, shall approve the final list of applications eligible for financing, considering the available funding.
5. The list of projects qualified for implementation as a result of the competition, including the name and surname of the employed or invited person and the mentor, and the project title will be published on the website www.badawcza.pw.edu.pl within a month of the closing date for applications.
6. The Head of IDUB concludes agreements for co-financing the employment of a doctor or habilitated doctor or the stay of an invited person with deans and directors of institutes. The mentor is a party to the agreement.

§ 4

1. The final report on the project implementation is submitted by the mentor to the IDUB Project Office in compliance with the template in Appendix No. 4 to these Regulations within 2 months of the date of employment termination arising from the agreement or in the event of an outstanding employee (guest) leaving the Warsaw University of Technology.
2. The project execution is assessed by the Scientific Council of POB AIR. The template for the record of evaluation and approval in the AIR-LEADER competition is Appendix No. 5 to these Regulations.
3. The employed persons and co-authors of joint papers with an outstanding scientific employee (guests) shall use the affiliation of the Warsaw University of Technology in their publications.

All publications, presentations and conference reports prepared as part of the Agreement must contain the following: *Research was funded by Warsaw University of Technology within the Excellence Initiative: Research University (IDUB) programme.*

4. All matters not regulated herein shall be settled by the Vice-Rector for Development.

§ 5

Under Article 13 of the Regulation (EU) 2016/679 of the European Parliament and of the European Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and the free movement of such data and repealing Directive 95/46/EC (General Data Protection Regulation) (Journal of Laws EU L 119/1 of 4 May 2016), hereinafter referred to as “GDPR”, the Warsaw University of Technology announces that:

1. The administrator of your personal data is the Warsaw University of Technology with its registered seat at pl. Politechniki 1, 00-661 Warszawa.
2. The data administrator has appointed an Inspector for Data Protection (IOD - Inspektor Ochrony Danych) who ensures that the data is processed lawfully and can be contacted via email: iod@pw.edu.pl.
3. The Administrator shall process your personal data for the purpose of participation in the AIR-LEADER competition and in the event of your qualification for participation in the AIR-LEADER competition to implement the tasks defined in this programme - in compliance with Article 6 section 1 point e) of GDPR.
4. The administrator shall process your personal data, in the case of:
 - 1) your participation in the AIR-LEADER competition: your name and surname, title/scientific degree, country of origin, position, place of employment, represented discipline;
 - 2) your participation in the AIR-LEADER competition: your name and surname, title/scientific degree, country of origin, position, place of employment, represented discipline and data included in the final report.
5. The Warsaw University of Technology shall not transfer your data outside the European Economic Area.
6. You shall have the right to access your personal data and the right to request correction and deletion, limitation of or object to processing your data. Since the data is not processed based on your consent, you shall not have the right to transfer your personal data.
7. Your personal data shall not be disclosed to any other entities (administrators) except for the entities entitled, in compliance with generally applicable laws.
8. Entities (processing entities) commissioned by the Warsaw University of Technology to perform actions that may relate to personal data processing may have access to your personal data;
9. The Warsaw University of Technology shall not subject you to automated decision-making, including your profiling.
10. You provide your personal data voluntarily. Nevertheless, failure to do so renders your participation in the competition and the AIR-LEADER competition (if you are qualified) impossible.
11. Your personal data shall be transferred for the following periods:
 - 1) in the case of participation in the AIR-LEADER competition: the period of implementation of the IDUB programme and the period indispensable to secure possible claims,
 - 2) in the case of participation in the AIR-LEADER competition: the period of implementation of the IDUB programme and for perpetual archiving.
12. If you think your data protection rights have been breached, you have the right to lodge a complaint to a supervising body – the Polish Data Protection Commissioner.

**Application for funding the employment of doctors or habilitated doctors
(candidates) and invitation of outstanding scientists within the AIR-LEADER competition**

1. Personal data of the candidate/outstanding scientific employee (guest)
2. Personal data of the mentor
3. The title of the proposed project and concretisation of the proposed research area (up to 1 page)
4. The significance of the proposed research area (up to 1 page, including a list of elements of scientific novelty, innovation and competitiveness of research, research plan and methodology)
5. Achievements of the candidate/outstanding scientific employee (guest):
 - 1) 10 most important publications (including the MNiSW's score);
 - 2) 10 most important projects (project title, source of funding, amount, candidate's role in the project);
 - 3) 5 most important patents;
 - 4) performed functions;
 - 5) awards.
6. Achievements of the mentor (including achievements in research, innovations and training employees):
 - 1) 10 most important publications (including the MNiSW's score);
 - 2) 10 most important projects (project title, funder, amount, candidate's role in the project);
 - 3) 5 most important patents;
 - 4) performed functions;
 - 5) awards.
7. Definition of the project outcomes
 - 1) for candidates: publications, patents, awarded funding, source of funding;
 - 2) for outstanding scientific employees (guest): publications, patents, applications for funding, summer schools, seminars.

No.	Type of outcome	Declared value	Comments (e.g. a succinct description of the type of outcome including patents, implementations, etc., innovations, information on the type and number of publications, planned journals, type and date of competition in which the application for a grant will be submitted)
1	Publications from the upper decile according to CiteScore in the Scopus database -TOP10 (with 3 papers at least accepted for printing*)		
2	International patent applications*		
3	Obtaining external funding for research (submitted applications		

	for external funding with at least formal positive evaluation)		
4	Other outcomes		

8. Cost estimate with amounts divided into those obtained from POB AIR and amounts obtained from the faculty/institute; moreover, costs divided into years for the candidate (Appendix No. 2 to these Regulations).
9. Work timetable (Appendix No. 2 to these Regulations).
10. Declaration of the faculty/institute on providing access to the equipment and rooms and on willingness to co-finance the project.

I declare that the research planned in the application neither is nor has been financed from other sources.

By submitting this application, I accept that if funding is granted, the name and surname of the head of the project, as well as the project title and the amount of the awarded funding will be published in the information on the competition and its results.

.....
(signature of the mentor/inviting person)

.....
(stamp and signature of the Bursar's Proxy) (stamp and signature of head of unit)

No.	Planned costs	2023	2024	2025	Total
I.	Direct costs	0.00	0.00	0.00	0.00
1	Remuneration of doctors or habilitated doctors (candidates) with related items (max. PLN 160 000 gross / per year), 33 months	0.00	0.00	0.00	0.00
2.	Remuneration of outstanding scientists (guests) (max. PLN 12 000 gross/ per month), max. 6 months	0.00	0.00	0.00	0.00
	Funding from POB AIR (70% of direct costs)	0.00	0.00	0.00	0.00
	Funding from the applying unit (30% of direct costs)	0.00	0.00	0.00	0.00
II.	Indirect costs (15% of funding from POB AIR)	0.00	0.00	0.00	0.00
III.	Total costs (I +II)	0.00	0.00	0.00	0.00

.....
(applicant's signature)

.....
(stamp and signature of the Bursar's Proxy) (stamp and signature of head of unit)

AGREEMENT No. *(number given by the IDUB Project Office)*
**on completing research projects selected in the AIR-LEADER competition
funded under the “Excellence Initiative – Research University” programme
implemented at the Warsaw University of Technology**

concluded on..... between:

Professor Malgorzata Lewandowska, PhD, DSc - head of management team of “Excellence Initiative – Research University” project at the Warsaw University of Technology,
hereinafter referred to as “Head of IDUB”

and

«Name_of_unit»,

represented by:

«Head of unit_ » - «_Function_of head of unit»,

hereinafter referred to as „Implementing unit”

and

Applicant (mentor/inviting person) – Head of project.

1. Head of IDUB shall transfer funds to the Implementing unit amounting to PLN «Total _amount» (in words «Amount_in words») for the implementation of research projects selected through the AIR-LEADER competition in accordance with the list constituting Appendix No. 1 to this Agreement.
2. The Parties decide that the project(s) shall commence upon signing this Agreement, and a maximum implementation time shall be no longer than 36 months. The implementation time of the project/ individual projects under this Agreement is specified in Appendix No. 1 to this Agreement.
3. The calculation of the costs of the project(s) under this Agreement is in Appendix No. 2 to this Agreement.
4. Funding awarded for the project implementation shall remain at the disposal of the head of Implementing unit in agreement with the head(s) of the project(s).
5. The Implementing unit shall make available items of the property of the unit indispensable to implement the project(s) and shall provide administrative and accounting services for the project implementation.
6. The Implementing unit shall maintain separate accounting records for the project(s).
7. Funding transferred to the Implementing unit not used until the completion date of the project/ individual projects shall be returned to the disposal of the Head of IDUB.
8. Approval of the implementation outcomes shall be granted byin a manner specified by the Regulations for the competition.
9. Changes to the provisions of this Agreement shall require signing an annex in writing.
10. The Agreement has been executed in two counterparts, one for each Party.
11. Appendices to this Agreement are as follows:
 - 1) A list of research projects eligible for funding;
 - 2) Project cost estimates (2.1 Cost Estimate of Project No. 1, 2.2 Cost Estimate of Project No. 2, ...);
 - 3) Applications for funding (3.1 Application for Funding Project No. 1, 3.2 Application for Funding Project No. 2, ...).

Head of IDUB

Implementing unit

.....
(stamp of IDUB Project Office)

.....
(stamp of unit)

.....
(stamp and signature of Head of IDUB)

.....
(stamp and signature of head of unit)

.....
(stamp and signature of Bursar’s Proxy)

.....
(stamp and signature of Bursar’s Proxy)

.....
(signature of head of project)

Appendix No. 1 to Agreement

No.	Head of project (mentor/inviting person)	Project title	Project budget	Amount of funding
1.				
2.				

Project cost estimate in the AIR-LEADER competition
title
 headed by:

No.	Planned costs	2023	2024	2025	Total
I.	Direct costs	0.00	0.00	0.00	0.00
1.	Remuneration of doctors or habilitated doctors (candidates) with related items (max. PLN 160 000 gross / per year), 33 months	0.00	0.00	0.00	0.00
2.	Remuneration of outstanding scientists (guests) (max. of PLN 12 000 gross/ per month), max. 6 months	0.00	0.00	0.00	0.00
	Funding from POB AIR (70% of direct costs)	0.00	0.00	0.00	0.00
	Funding from the applying unit (30% of direct costs)	0.00	0.00	0.00	0.00
II.	Indirect costs (15% of funding from POB AIR)	0.00	0.00	0.00	0.00
III.	Total costs (I+II)	0.00	0.00	0.00	0.00

Head of IDUB

Implementing unit

.....
 (stamp and signature of Head of IDUB)

.....
 (stamp and signature of head of unit)

.....
 (stamp and signature of Bursar's Proxy)

.....
 (stamp and signature of Bursar's Proxy)

Declaration of the head of the project

I hereby oblige myself to implement the project in compliance with the description and timetable presented in the submitted application for a research project, constituting an integral part of this Agreement, the aforementioned estimated project costs, and other provisions of this Agreement.

.....
 (signature of head of project)

TEMPLATE FOR FINAL REPORT
on the implementation of a project within the AIR-LEADER competition

title:

headed by:

1. A synthetic description of the conducted research including:
 - 1) research objective;
 - 2) description of completed work (up to 1 page, font min. 11pt);
 - 3) most important achievements (up to 1 page, font min. 11pt).
2. Table of measurable outcomes of project implementation including appendices confirming their achievement. (In accordance with the table from item B.2 of the Application for a research project).

No.	Type of outcome	Declared values	Achieved values	Details of achieved indices/ activities undertaken to achieve them ¹
1	Publication of articles in a journal and conferences from the upper decile (accepted for printing) according to CiteScore of the Scopus database – TOP10			
2	International patent applications			
3	Obtaining external research funding, preferably as part of international projects			
4	Other outcomes			

3. Statement of planned and incurred costs

No.	Planned costs	2023	2024	2025	Total
I.	Direct costs	0.00	0.00	0.00	0.00
1	Remuneration of doctors or habilitated doctors (candidates) with related items (max. of PLN 160 000 gross / per year), 33 months	0.00	0.00	0.00	0.00
2.	Remuneration of outstanding scientists (guests) (max. PLN 12 000 gross/ per month), max. 6 months	0.00	0.00	0.00	0.00
	Funding from POB AIR (70% of direct costs)	0.00	0.00	0.00	0.00
	Funding from the applying unit (30% of direct costs)	0.00	0.00	0.00	0.00
II.	Indirect costs (15% of funding from POB AIR)	0.00	0.00	0.00	0.00
III.	Total costs (I+II)	0.00	0.00	0.00	0.00

¹ Including the publication title, type and date of competition, a list of units with which the commenced collaboration led to achieving the outcome, etc.

.....
(date)

.....
(signature of head of project)

.....
(stamp and signature of the Bursar's Proxy)

.....
(stamp and signature of head of unit)

*delete as appropriate

RECORD OF EVALUATION AND APPROVAL OF A PROJECT IN THE AIR-LEADER COMPETITION

title

headed by:

Total planned costs (PLN):	
Total incurred costs (PLN):	
The Competition Committee states that the research project:	
<input type="checkbox"/> has been correctly implemented. <input type="checkbox"/> has been partially implemented. <input type="checkbox"/> has been incorrectly implemented.	
Comments:	
Date:	
Chairperson of the Competition Committee:	
Stamp and signature of Head of POB AIR:	

Appendices:
Final report on the project implementation