

## **Regulations**

**"Engineers for the society" – Tech-Athon**

**2023**

### **§ 1 General regulations**

1. These Regulations (hereinafter referred to as the "Regulations") lay down the terms and conditions for organisation of an event called "Engineers for the society" – *Tech-Athon*, hereinafter referred to as the "Event".
2. The Event includes:
  - a) launch of a knowledge and competence Platform, hereinafter referred to as the "Platform", for the needs of "Engineers for the society" – *Tech-Athon*;
  - b) kick-off meeting;
  - c) registration of teams for "Engineers for the society" – *Tech-Athon*;
  - d) selection of no more than 15 teams for "Engineers for the society" – *Tech-Athon*;
  - e) trainings:
    - i. Design Thinking/Service Design,
    - ii. Lean Canvas/Business Model Canvas,
    - iii. Project Management,
    - iv. UX (User Experience),
    - v. Pitching;
  - f) final of "Engineers for the society" – *Tech-Athon*, hereinafter referred to as the "Main Event";
  - g) Demo Day – presentation of demonstrators by the finalists of the Main Event and selection of the winner.
3. The main aim of "Engineers for the society" – *Tech-Athon* is for the teams to develop a concept of practical solutions/demonstrators in the areas of biomedical engineering, photonic technologies, cybersecurity and data analysis, as well as energy conversion and storage.
4. The detailed aims of "Engineers for the society" – *Tech-Athon* are as follows:

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- a) Integration of the community of PW doctoral students and research staff around the issues in the area of biomedical engineering, photonics, cybersecurity and data analysis, as well as energy conversion and storage;
  - b) Development of the ability to cooperate in a team for PW doctoral students representing various scientific disciplines (interdisciplinarity);
  - c) Application of research knowledge by doctoral students to develop a concept of demonstrators of solutions related to the given or submitted problems;
  - d) Continuation of a new form of education of doctoral students in the form of a hackathon and achievement of learning outcomes and ECTS points;
  - e) Getting to know the research infrastructure and laboratories of the Warsaw University of Technology with special attention paid to the Centre for Advanced Materials and Technologies CEZAMAT and the Centre for Innovation and Technology Transfer Management of the Warsaw University of Technology CZliTT by doctoral students.
5. The Event is organised by the following entities of the Warsaw University of Technology (NIP: 525-000-58-34, REGON: 000001554):
- a) Warsaw University of Technology Doctoral School,
  - b) Centre for Advanced Materials and Technologies CEZAMAT, ul. Poleczki 19, 02-822 Warsaw, hereinafter referred to as CEZAMAT;
  - c) Centre for Innovation and Technology Transfer Management of the Warsaw University of Technology, ul. Rektorska 4, 00-614 Warsaw, hereinafter referred to as CZliTT,
  - d) Scientific councils of PW Priority Research Areas.
6. Organisation Committee:

Warsaw University of Technology Doctoral School

prof. dr hab. inż. Paweł Pyrzanowski

dr hab. inż. Aneta Pobudkowska-Mirecka, prof. PW

Representative of the PW Doctoral School

Priority Research Areas

prof. dr hab. inż. Zbigniew Brzózka

prof. dr hab. inż. Tomasz Woliński

dr hab. inż. Piotr Lesiak, prof. PW

dr hab. inż. Robert Olszewski, prof. PW

dr hab. inż. Bartłomiej Ufnalski, prof. PW

CEZAMAT

prof. dr hab. inż. Elżbieta Malinowska – Committee President

Hanna Gołowicz, CEZAMAT

Kamil Nowelli, CEZAMAT

Krzysztof Mieszkowski, CEZAMAT

CZLiTT

Anna Rogowska, CZLiTT

Łukasz Sztern, CZLiTT

PW Doctoral Students Council

PW Doctoral Students Council President

7. The Organiser may be contacted at the email address: [tech.athon2023@pw.edu.pl](mailto:tech.athon2023@pw.edu.pl).

8. The Event shall be held on site.

9. Definitions of terms:

- a) Knowledge and competence Platform – a team on MS Teams for integration of the community of doctoral students who wish to participate in the Main Event;
- b) Mentor – person responsible for scientific support for the teams in developing their solutions;
- c) Team supervisor – person responsible (on behalf of the Organisers) for the teams in organisational and technical matters;
- d) Trainer – person (from outside or from among the Organisers) who conducts the training;
- e) Participant – person taking part in the Event;

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- f) Team Leader – Event participant who is a doctoral student of the Warsaw University of Technology;
- g) Team – a group of people comprising Participants, led by the Leader;
- h) Solution – result of the work of the Team presented at the final of the Main Event;
- i) Jury – group appointed by the PW academic authorities to evaluate the developed Solutions;
- j) Research grant – funds for financing the Solution which will be presented in the form of a demonstrator during the Demo Day at the TRL 3-5 level.

### **§ 2 Terms and conditions of participation**

1. Participation in the Event shall be equivalent to approval of the terms and conditions of these Regulations.
2. Participation in the Event is free of charge and voluntary.
3. During the Event, Participants shall take part in the Platform, Trainings and develop Solutions of the submitted ideas, with the support from the Organiser.
4. The Organiser shall support the Teams through consultations with Mentors.
5. The work during the Event shall be performed in Teams consisting of 3 to 6 persons, led by the Team Leader.
6. Participants may not develop Projects violating generally applicable law, using content which is forbidden by generally applicable law or infringing the rights of third parties. Participants shall be held responsible for their breach of generally applicable law, using content forbidden by generally applicable law or for infringement of the rights of third parties. The Organiser's liability with regard thereto shall be excluded.

### **§ 3 Enrolment regulations**

1. Enrolment of Participants for the Event shall comprise two stages:
  - a) Registration on the Platform shall take place from 13 February to 26 March 2023 until 23:59 with the published code.
  - b) Registration for Tech-Athon of Team members shall take place from 13 March to 26 March 2023 until 23:59.
  - c) Qualification of the Teams shall take place from 27 March to 31 March 2023.

2. The Team Leader shall register the Team for the Main Event.
3. Each Participant shall be obliged to enrol using a registration form available on the Platform by choosing either the role of the Team Leader or a Team Participant.
4. Registration for the Main Event, through the Platform in accordance with point 7, shall include the following data:
  - a) first name,
  - b) surname,
  - c) email,
  - d) phone number,
  - e) name of the Team,
  - f) role in the Team,
  - g) subject of the application,
  - h) area of "Engineers for the society" - *Tech-Athon*,
  - i) description of the proposal (2500 characters including spaces),
  - j) description of team members (1000 characters including spaces),
  - k) approval of the Event regulations,
  - l) consent to the processing of personal data.The information included in letters g)-j) shall be completed by the Team Leader.
5. The Event Participants may be doctoral students of the Warsaw University of Technology and people invited by them to join the Teams, who have full legal capacity and who do not hold the academic degree of doktor or doktor habilitowany.
6. The registration shall be valid after receipt of confirmation of participation from the Organiser at the email address submitted in the form or on the Platform. The Organiser shall decide whether to qualify a team for participation in the Main Event.
7. The Participant may work only in one team during the Main Event.
8. Decision on admission to the Main Event shall be made by the Organisational Committee on the basis of information included in the application and shall be final. The decision shall be based on the following criteria:
  - a) compliance with the areas of "Engineers for the society" – *Tech-Athon* (25 points);
  - b) complementarity of the team (25 points);
  - c) originality of the proposal (50 points).
9. Participants who qualify shall be informed thereof by email no later than by 31 March 2023, at the email address provided in the registration form.

10. The maximum number of the Main Event participants is 60.
11. The Main Event shall be held on 26, 27 and 28 May 2023 from 4pm on 26 May to 3pm on 28 May 2023 at the seat of CEZAMAT.
12. During the Main Event, the Teams shall work on the Solutions included in the proposal.

#### **§ 4 Trainings**

1. Participants qualified for the Main Event shall take part in a cycle of trainings referred to in § 1 section 2, letter e).
2. The trainings shall be conducted from 3 April to 21 May 2023.
3. Each training referred to in § 1 section 2, letter e), points i-iv. shall be held on two dates (to be selected).
4. The date and location of the training shall be announced with the information about the trainings.
5. The training referred to in § 1 section 2 letter e), point v. shall be organized during the Main Event.

#### **§ 5 Main Event**

1. The Main Event shall be held at the CEZAMAT premises.
2. A detailed programme of the Main Event shall be published on the CEZAMAT website 5 days before the Main Event.
3. At the CEZAMAT premises, the Organiser shall provide the Participants with:
  - a) Internet access with a secured Wi-Fi network,
  - b) power supply,
  - c) access to organisational information during the Main Event,
  - d) a meal during the Main Event,
  - e) multimedia projector with a computer and necessary software needed for presentation of the Projects.
4. At other occasions, Participants shall use their own resources (in particular software and other necessary tools and equipment).
5. The Project submitted for evaluation shall be based on the Participants’ own work (it is forbidden to use external help, other than that provided by the Organiser)

and may not breach generally applicable law, norms of social intercourse, and may not infringe the rights of third parties.

### **§ 6 Competition and prizes**

1. At “Engineers for the society” – *Tech-Athon* a competition will be organised for development of the best Solutions.
2. The best Solutions may be awarded on the basis of the Jury’s own evaluation.
3. The Jury shall evaluate the Solutions on the basis of these Evaluation Criteria:
  - a) Formal criteria:
    - i. Submission of the presentation of the solution by the specified deadline;
    - ii. at least 3 Participants from the Team work in person on the Solution at the CEZAMAT premises during the Main Event;
    - iii. Presence of at least 2 Participants from the Team during the presentation of Solutions at the Main Event.
  - b) Substantiative criteria:
    - i. Completeness and quality of the presentation (10 points);
    - ii. Quality of diagnosis and definition of the problem (20 points);
    - iii. Interdisciplinarity and consistence of the Solution (10 points);
    - iv. Relevance of the Solution to the defined problem (20 points);
    - v. Originality and creativity in comparison with existing solutions (20 points);
    - vi. Possibility of completion and implementation potential of the Solution (20 points).
4. Failure to meet at least one of the formal criteria referred to in section 3 letter a) points i-iii shall exclude a Team from the Main Event.
5. The Jury shall take their decision using Evaluation Forms on the basis of Evaluation Criteria according to section 3 letter b).
6. In case of the same number of points, the Jury shall decide on the classification of teams with the same number of points.
7. The decision taken by the Jury shall be final and may not be appealed against.
8. The Jury may grant additional distinctions to teams that put forward solutions of high implementation potential.
9. The Jury’s decision shall be announced during the Main Event final.

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10. 4 ECTS points with the relevant learning outcomes shall be granted when all the following conditions are met:
  - a) Only active team members who present the Solution during the Main Event,
  - b) Confirmed participation of the Participant in at least two trainings referred to in § 1 section 2 letter e) points i-iv.,
  - c) Confirmed participation in training referred to in § 1 section 2 letter e) point v.
11. Research grants shall be awarded to Teams evaluated highest by the Jury.
12. Maximum level of funding for all awarded teams shall be PLN 400,000.
13. The final amount of a single research grant shall be determined by the Jury.
14. The awards may be co-financed from the Priority Research Areas budgets.
15. The research grant may be completed in a chosen PW unit after the Team obtains the consent of the head of a given unit.
16. Substantiative completion and management of the grant funds shall be the competence of the PW unit supervising the awarded Team. If the Team members are from many faculties, the PW unit to use the funds from the grant shall be chosen by way of an agreement concluded between the relevant Faculties.
17. The head of the unit, in consultation with the Head of a relevant Priority Research Area, shall appoint the grant supervisor.
18. The Jury may recommend the awarded and distinguished teams for participation in PW Accelerator run by the PW Innovation Incubator.
19. The award for the members of the winning team of Demo Day held in the first half of 2024, shall be a research internship in a chosen PW unit.

### **§ 7 Copyright**

1. Participants guarantee that the Solutions developed during the Event shall constitute the co-property of the whole Team and do not infringe any rights of third persons. In case of doubt, it shall be assumed that the shares of Team members shall be even.
2. The Participant shall keep confidential all information on other projects developed at Tech-athon obtained during their participation in the programme.
3. The Participant shall be liable to the Organiser for all legal faults of the Solutions, and in particular for any claims of third parties, stemming from infringement of copyright and other rights of third parties, in particular regarding licensing of software and tools used to



develop the Solution. If any claims are raised against the Organiser in connection thereto, the Participant shall fully satisfy them and exempt the Organiser from the obligation to satisfy the claims.

4. Each Participant shall be obliged to enter into legal proceedings in the place of the Organiser or to join legal proceedings with the Organiser before a court or in mediation, if a third party raises a claim or request towards the Organiser due to infringement of their rights in connection with the developed Solution.
5. The Participant shall reimburse the expenses to the Organiser for, among other things, costs of legal services incurred by the Organiser due to the abovementioned claim or request, defined in a final court verdict, a final administrative decision or settlement.
6. The Organiser shall immediately inform the Participant of any claim raised by a third party with the abovementioned claim or request against the Organiser.
7. The Organiser shall not be held liable if the Participant is unable to collect the Prize due to reasons attributable to the Participant.
8. Personal copyright to the developed Solution shall be held by the Participants of a given Team in equal shares.
9. Issues related to transfer of proprietary copyright for PW employees shall be governed by the Regulation on management of copyright and related rights and industrial property rights and rules of commercialisation, constituting an annex to resolution no. 114/XLIX/2017 of the PW Senate of 21 July 2017.
10. Issues related to transfer of proprietary copyright shall be governed by the Act of 4 February 1994 on copyright and related rights (Journal of Acts of 2021, item 1062).

#### **§ 8 Participant's image**

1. The Organiser shall publish images of the Participants in the form of, among other things, photographs, audio or audio-video recordings, made during "Engineers for the society" – Tech-Athon and during the announcement of results and presentation of awards, for informational purposes and promotion of the Event or the Organiser. To the extent to which for such publication of the image a consent is required, the Participant shall grant such consent by approval of these Regulations.
2. The Participant shall consent to free of charge multiple use of their image recorded as a photograph or video and shall grant the Organiser a free license to use it in all fields of use, including: storing and publishing it in any form and entering it into the memory of a

computer, publishing it, for promotional and marketing purposes of the Organiser, as well as publishing it in social media and printed promotional materials.

3. Personal data in the form of an image shall be processed following the rules laid down herein.

### **§ 9 Personal data**

1. The Organiser declares that they are the Administrator of personal data as understood in Art. 4 point 7 of the Regulation 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and to the free flow of the data and repealing Directive 95/46/EC (general data protection regulation, **GDPR**), in connection with personal data of the Participants.
2. In all matters connected with processing of personal data and using the rights connected with the processing, the person who the data pertain to may contact the Administrator at the email address: [iod@pw.edu.pl](mailto:iod@pw.edu.pl) or in writing at the address of the Administrator referred to in § 1 of the Regulations.
3. The Organiser declares that the personal data will be processed for the following purposes:
  - a) conducting the Event,
  - b) informing the media on the course of the Event, publication of personal data of Participants, Jury members, including their image, for the purposes of promotion and information of the Event, and
  - c) securing and managing claims related to the completion of the Event.
4. The legal basis for processing of Personal Data is:
  - a) participation in the Event - Art. 6 section 1 letter b of GDPR,
  - b) management of claims and contact with participants – Art. 6 section 1 letter f of GDPR,
  - c) use of image – Art. 6 section 1 letter a of GDPR, in connection with Art. 81 section 1 of the Act of 4 February 1994 on copyright and related rights,
  - d) providing personal data to Priority Research Areas in order to award and present prizes – Art. 6 section 1 letter a of GDPR.
5. Personal Data shall be processed for the following period:
  - a) for the purpose referred to in section 3 letter a above – until 31 December 2028,
  - b) for the purpose referred to in section 3 letter b above – until 31 December 2028,
  - c) for the purpose referred to in section 3 letter c above – until 31 December 2028,
  - d) for the purpose referred to in section 3 letter d above - until 31 December 2028.

6. Personal data may be forwarded to entities processing personal data for the Administrator, such as marketing and event agencies, while such entities shall process data on the basis of an agreement with the Administrator and only according to the Administrator’s instructions.
7. Personal data may not be forwarded to recipients in countries beyond the European Economic Area.
8. Each person whose data the Organiser processes in connection with the Event and pursuant to the rules included herein, shall be entitled to:
  - a) access their personal data and demand a copy of them,
  - b) correct their personal data,
  - c) request to limit the processing of their data,
  - d) delete the data if no other processing purpose is completed.
9. In order to use the rights above, one should contact the Administrator. The contact details are provided in section 2 above.
10. To the extent to which the basis of processing of personal data is the consent, the person who the data pertain to shall have the right to withdraw the consent. Withdrawal of the consent shall not influence the compliance with the right to processing made on the basis of the consent before it was withdrawn.
11. The person whose data are processed by the Organiser in connection with the Event, pursuant to the regulations included herein, shall have the right to make a complaint to the supervisory body, i.e. Office of Personal Data Protection, ul. Stawki 2, 00-193 Warsaw.
12. No decisions regarding persons whose data the Organiser processes in connection with completion of the Educational Programme shall be made by the Organiser in an automated way, including profiling.

#### **§10 Final provisions**

1. The Organiser shall have the right to change the date of the Event, its stages or to cancel it for reasons beyond their control. The Participants shall be immediately informed thereof. The Participants shall not be entitled to any claims for this reason.
2. The Organiser shall have the right to amend these Regulations.
3. Amendments to these regulations shall come into force on the day of publishing the amended Regulations on the website.

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4. If Participants of the Event breach any of the provisions of these Regulations, in particular provide false personal data, breach generally applicable law or generally applicable rules of social intercourse in connection with their participation in the Event, the Organiser shall be entitled to exclude the Participant from the Event and deprive them of the Prize.
5. The Organiser shall not be responsible for the safekeeping of the devices which are the property of the Participants. The Participants shall be fully responsible for their property (including computer equipment) and they are obliged to supervise it themselves. The Organiser shall not be responsible for objects left without supervision or for any possible losses.
6. The Organiser shall not cover or reimburse the costs of participation in the Event, including travel or accommodation costs.
7. The Participants shall follow safety rules, fire precautions and industrial safety regulations applicable in the building where the Event is held.
8. Persons who are intoxicated, under the influence of alcohol or drugs may not enter the premises where the Event is held.