

# Advanced Industrial Robotic Applications 2022

## Plant Service Robot Challenge

Official Rules and Data Privacy Statement

**CHANGES**  
**2022-01-14 NEW DATES FOR THE ACHEMA AND FINALIST EVENT.**  
**2022-02-20 ELIGIBILITY - CONTRACTORS AND CERTAIN FAMILY MEMBERS OF ORGANIZERS ALSO ELEGIBLE TO PARTICIPATE.**

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# 1 Official Rules

## 1.1 Preamble

INVITE GmbH was founded in the year 2010 as private public partnership between the TU Dortmund University and BAYER AG as a research center for innovative production technologies. The Heinrich-Heine-University Düsseldorf joined INVITE as an additional shareholder in 2016. INVITE develops process innovations and technology solutions for corporations and companies in the chemical, pharmaceutical and biotechnology industries. It promotes the development of new ideas and integrate results in practical applications.

The Advanced Industrial Robotic Automation (AIRA) 2022 competition aims to automate some of the routine tasks operators in chemical facilities have to perform such as inspection rounds, taking and transporting samples, ... which are hard to automate. This automation would require having solutions which can navigate a chemical facility and overcome unforeseen obstacles.

The Advanced Industrial Robotic Automation (AIRA) 2022 competition is looking for solutions that can navigate autonomously and adaptive through facilities, perform basic inspection activities and transport samples. To evaluate the solutions, a small (6mx6m) representation of a chemical facility (Model) will be used. This model contains static components, e.g. stairs or walls and different types of surfaces (concrete, grating, puddles). Dynamic obstacles such as pallets or cables will be inserted randomly to the model.

## 1.2 AIRA 2022 Plant Service Robot Challenge Official Contest Rules (“Official Rules”)

By participating in the Contest, each entrant (“Entrant”) and each member of a participating Entrant Team (as defined below), unconditionally accepts and agrees to comply with and abide by these Official Rules and the decisions of INVITE GmbH as sponsor of the Contest (“Sponsor”), which will be final and binding in all matters related to this Contest. Winning a prize is contingent upon fulfilling all requirements set forth in these Official Rules. Sponsor reserves the right, in its sole discretion, to cancel, suspend, or modify this Contest for reasons related to compliance with applicable law or government orders or directives, acts of God (hurricane, earthquake, flood, tornado, etc.), shortage of commodities or supplies, acts of war, terrorism, civil disorder, fire, labor strikes, quarantines, local, regional, global or national public health issues, emergency or disease, including contagious or communicable diseases, curtailment of transportation services or facilities, any travel restriction or ban or other restriction, guidance, warning or advisory relating to security, terrorism or public health whether issued by a governmental entity or agency of the United Nations (including the WHO), or self-imposed by a party, or any other cause or circumstance not within the control of Sponsor, whether similar or dissimilar to any of the foregoing, that would make the Contest or the awarding of prizes inadvisable, illegal, impracticable, or impossible to fully perform as described herein.

**NO PURCHASE OR PAYMENT OF ANY KIND NECESSARY TO ENTER FOR A CHANCE TO WIN. A PURCHASE OR PAYMENT OF ANY KIND WILL NOT INCREASE YOUR CHANCES OF WINNING. VOID WHERE PROHIBITED.**

### 1.3 Eligibility

The Contest is open to persons who are at least 18 years old or the age of majority in the country, state, province or jurisdiction of residence, whichever is higher (and at least twenty years old in Taiwan), at the time of entry. The contest is void in all countries, where prohibited by law. Employees, interns, and official office-holders of the Organizers (INVITE, BASF, Bayer, Boehringer Ingelheim, Merck, Wacker) or any of Organizer's subsidiaries, affiliates, and their respective directors, officers, employees, advertising and promotion agencies, representatives, or agents, as well as members of their immediate family (defined as spouse, life partner) are not eligible to participate in the Contest. Sponsor reserves the right to verify eligibility and to adjudicate on any dispute at any time.

Individuals may enter as a sole Entrant or as part of an entrant team ("Entrant Team"). An individual may enter as part of an Entrant Team and as a sole Entrant if they desire. Only one (1) person on an Entrant Team will be considered the Entrant for entry purposes ("Team Representative"). Each member of any Entrant Team must be eligible to participate in this Contest as described and comply with the Official Rules as set out in this document or such Entrant Team may be disqualified. This Contest is subject to all applicable federal, state and local laws.

Each Entrant/Entrant Team member shall be responsible for its compliance with all US, EU and any other applicable export control laws and regulations, including - but not limited to - the EU Dual-Use Regulation, German Foreign Trade Act ("Außenhandelsgesetz"), US Export Administration Regulations (EAR), International Traffic in Arms Regulation (ITAR) and Office of Foreign Asset Control (OFAC) Regulations as applicable to its contest entry hereunder.

Entrants/Entrant Teams conducting an export or re-export as defined in such applicable laws and regulations are responsible for obtaining the required authorizations and have to inform themselves about the applicable rules and regulations.

Entrants/Entrant Teams commit to provide unrequested information of the export list position or the Export Control Classification Numbers (ECCNs) in case, that their contest entry items, or any components of them are listed in Appendix I and IV of the EU Dual-Use Regulation or in the Commerce Control List (CCL/EAR).

If Entrant or an Entrant Team enters the Contest as part of a company or on behalf of an employer, these Official Rules are binding on Entrant and each member of an Entrant Team individually, and/or their employer. If you are acting within the scope of your employment, as an employee, contractor, or agent of another party, you warrant that such party has full knowledge of your actions and has consented thereto, including to the terms of these Official Rules and your potential receipt of a prize. You further warrant that your actions do not violate your employers or company's policies and procedures.

The Sponsor reserves the right, in his sole discretion, to disqualify any Entrant/Entrant Team found tampering with the entry process or entry materials or otherwise interfering with the proper administration of the Contest or violating the Official Rules.

Each Entrant/Entrant Team member accepts the conditions stated in the Official Rules, agrees to be bound by the decisions of the Sponsor, and warrants that he or she is eligible to participate in the Contest.

## 1.4 How to Enter

### 1.4.1 Timeframe

Phase	Start (CET 12:00 AM)	End (CET 11.59 PM)
1	Proposal entry period	February 22, 2022
2	Proposal review period	March 8, 2022
	Proposal presentations	March 1, 2022 March 3, 2022
3	Development phase	August 21, 2022
4	Finalist event / ACHEMA	August 22, 2022 August 26, 2022

### 1.4.2 Rules “Proposals entry period”

Entrant or Entrant Teams who wish to enter the Contest may visit <https://www.aira-challenge.com> (“Contest Site”) and submit the proposal entry information required including, but not limited to: Entrant name, email address, team size, mailing address, daytime phone number, and include an overview of their Solution (the working prototype / product the Entrant will use during the Finalist Event / required effort for the transportation of the Solution) to the Contest (the “Proposal Entry”). Proposal Entries may be submitted during the “Proposal Entry Period” described in section 1.4.1. The Proposal Entry is not complete until all the online prompts and instructions to upload the Proposal Entry have been properly followed and the Official Rules have been accepted by Entrant.

Entrants/Entrant Team are solely responsible for securing any intellectual property rights pertaining to their Proposal Entry and Solution (“Background IP”). Entrants/Entrant Team will remain the owner of all Background IP and submission of a Proposal Entry does not create any license between Sponsor and Entrant with respect to any Background IP beyond those rights granted by Entrant to Sponsor in accordance with submitting a Proposal Entry in the Contest. By submitting a Proposal Entry into the Contest, the Entrant/Entrant Team warrants and represents that Entrant/Entrant Team is the creator of the Proposal Entry and that Entrant/Entrant Team consents to the submission and use of the Proposal Entry by Sponsor. Proposal Entries will not be returned and will become the property of the Sponsor. Sponsor shall further have the sole discretion of disclosing and/or publishing a Proposal Entry as part of the Contest including any Background IP of the Entrant/Entrant Team described in a Proposal Entry. Sponsor shall not be liable to Entrant/Entrant Team for any loss of intellectual property rights due to any disclosure of a Proposal Entry including a proposed Solution or Background IP described in a Proposal Entry. Further, Entrant/Entrant Team warrants that it has the right to present the Background IP and the Solution and to participate in the Contest. In addition, Entrant/Entrant Team warrants that there are no claims, judgements, or settlements against or owed

by the Entrant/Entrant Team or pending or threatened claims or litigation, relating to the use of Background IP and the Solution.

Each Proposal Entry and subsequent Solution must comply with the Entry Requirements, as defined below set out in AIRA 2022 Contest.

#### 1.4.3 Rules “Proposals review period”

All eligible Proposal Entries will be judged and scored by a review panel chosen by the Sponsor (“Review Panel”). The Review Panel will rank Proposal Entries based on the maturity of the proposed Solution and the likelihood that the Solution will result in successful performance in the Contest finalist event described below (“Finalist Event”). Exceptional, specialized Solutions might also be taken into consideration. Based on this ranking selected Entrant / Entrant teams will be invited to present their solution during a virtual meeting. The Sponsor reserves the right to assess Proposal Entries in the manner determined by the Sponsor, which may include interviews or discussions with certain Entrants/Entrant Teams. A maximum of six Proposal Entries ranked highest by the Review Panel will be deemed finalists (“Finalist”) (subject to verification and compliance with these Official Rules) and will be invited to attend the Finalist Event. The Sponsor is free to reduce the number of Proposal Entries which will be deemed Finalists based on the number of proposal entries deemed in the sole and absolute discretion of the Review Panel to be likely to succeed at the Finalist Event.

Finalists will be notified by email at the email address provided in the corresponding Proposal Entry. If any email notification is returned as undeliverable, if a Finalist does not respond within the required number of days specified by Sponsor in the notification email, or if information collected within the Proposed Entry is found in non-compliance with the Official Rules, raises other issues of significant concern to Sponsor or a potential winner decides to decline a prize described herein for any reason whatsoever, Sponsor shall have no further obligation to such Finalist and the applicable prize will be forfeited and may be awarded to a runner-up Finalist time-permitting and at the Sponsor’s sole discretion.

#### 1.4.4 Rules for the “Development phase”

During the development phase the teams can work on their solutions.

#### 1.4.5 Rules for the “Finalist Event”

The Finalist event will take place at the ACHEMA (Frankfurt a.M., Germany) and is open to the public. Finalists will be invited at Sponsor costs (airfare - economy class and hotel reservation for a maximum of two participants per team) for the duration of the Finalist Event. Every team will perform the tests described below by themselves. The Solutions and their performance will be shown to the public during the Finalist Event.

The Sponsor will pay the shipping costs of the Solution. The cost of the transportation is one of the criteria to select the finalists.

During the challenge all audience and the jury are interested to watch your system and we plan to integrate your “HMI/Control screen” of your Plant Service Robot into the video streaming that we prepare for the on-site visitors. Even though this is recommended to each finalist in order to help the audience to understand your technology better, the “status monitoring” will have no impact on the scoring.

##### 1.4.5.1 Task 1: Navigate a typical chemical facility

By successfully executing the navigation task your plant service robot demonstrates how it can navigate autonomously and adaptive through plants, master typical floor types of a chemical plant environment (e.g. gratings, smooth surfaces) and overcome static and dynamic obstacles (pallets, hoses,...).

This task consists of two separate runs

1. Follow a track of feature points (up to 4) defined within the 3D-model without additional hurdles. Two feature points are not reachable without using the stairs.  
The track may be taught on site to the robot as necessary. On site teaching time must not exceed 60 minutes.
2. Follow a track similar to run 1 but with randomly inserted hurdles such as pallets, hoses, ...  
These hurdles will be inserted randomly shortly before the run.

**Scoring scheme:**

The following points are earned for every feature point reached within the two navigation runs:

- Without manual intervention: 10 points
- With one manual intervention: 5 points
- With more than one manual intervention: 0 points
- The robot finishing without manual intervention in the shortest time earns 10 additional points, second fastest earns 5 additional points.

This way, your plant service robot can earn up to 100 points in this task if it achieves four feature points in each of the two runs and is the fastest robot in both runs.

**1.4.5.2 Task 2: Data Sensing / Monitor conditions**

The data sensing and monitoring tasks aims to evaluate how reliably the solution can monitor the condition of the equipment. For that, the solution must show that it finds the location / instrument needing to be monitored and that it can document the situation in a reproduceable way.

For this purpose, there will be two POIs (a manometer and a test board mounted at different heights in two subsequent runs) in the 3D-model. The solution must document the POIs with such a resolution that a person can recognize the displayed reading. In addition, it is required that the pictures are taken from a frontal view.

**Scoring scheme:**

In two “monitoring runs” the robot must take a picture of both points of interest.

The total points earnable in this task are 100 points.

- Per clearly readable and frontal view image of a manometer: 25 points
- If the manometer is not visible in the picture no points are earned.
- If it is not clearly readable the jury will evaluate the pictures and award points accordingly.

**1.4.5.3 Task 3 & 4: Simple manipulations & Transport**

To show that the solution can interact with equipment, this task simulates some of the steps in the sampling process. It will be evaluated how the solution can:

1. Take up the sample bottle from a table at the starting position, bring it to the sample station and position it under the sample dosing valve.  
Within this task there are no dynamic hurdles to be avoided.
2. Open a ball valve.
3. Take up the sample bottle again and place it on the table at the starting position.
4. The bottle is closed by a lid which can be opened and closed by screwing.

No manual or remote interaction is allowed, besides the manual removal of the lid if necessary.

**Scoring scheme:**

For a successful attempt to

- Collect the bottle from the starting point and position a bottle under the dosing valve: 30 points.
- Open the valve: 70 points.
- Take up the bottle and transport it to the starting position: 30 points.
- Unscrew the lid from the bottle: 35 points
- Screw the lid on the bottle: 35 points.

**1.4.5.4 Task 5 Concept evaluations****1. Convertibility concept**

The fast and flexible integration of new sensors and actuators is another important aspect. To this end the finalists must provide a concept for enabling quick and easy tool changes. In this case, an image sensor should be replaced by a mechanical tool. The concept should focus on a standardized interface.

**Scoring scheme:**

- 50 points if it is feasible to exchange the actuator with the sensor in less than 20minutes
- 50 additional points if this can be done without any tool

The scoring depends on the possibility of automating the process, ideally without needing screws and tools and via a standardized interface.

**2. Explosion protection and safety concept**

Evaluation of the explosion protection and safety concept by the experts in the jury. The jury will assign up to 160 points for measures like:

- The Solution is able to avoid SIL-certified defined explosive atmospheres: 80 points
- If the concept detects explosive atmospheres and is capable of avoiding ignition: 40 points
- If the concept enables the Solution to move in Ex-Zone 2 without triggering an ignition: 40 points

## 1.5 Prize Details

The Finalists will receive monetary prizes as listed below:

- 1<sup>st</sup> place: 40.000€
- 2<sup>nd</sup> place: 20.000€
- 3<sup>rd</sup> place: 15.000€
- 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> place: 10.000€

If there are Finalists equal in score, they will receive split prizes for their combined position.

Limit of one prize per Entrant or Entrant Team. Prizes are nontransferable. No prize substitutions allowed. Except where prohibited by law, all federal, state, or other tax liabilities are the responsibility of the prize winners, and the Sponsor will not be responsible for any tax deductions which may be necessary. In the event an Entrant Team is deemed a prize winner, the Entrant Team Representative of such Entrant Team will be solely responsible for dividing the prize applicable equally amongst all team members. Prize winners are responsible for any costs and expenses associated with prize acceptance and use not specified herein as being provided. Designation as a prize winner is subject to Entrant's/Entrant Team's proof of compliance with the Official Rules, maintaining compliance with these Official Rules and approval by the Sponsor. All details of prize not specified herein shall be determined solely by Sponsor.

## 1.6 Entry Requirements ("Entry Requirements")

By entering, each Entrant/Entrant Team represents and warrants that:

- i. the Proposal Entry and/or Solution are the original work of the Entrant/Entrant Team or an update to an original work of the Entrant/Entrant Team;
- ii. the Proposal Entry and/or Solution does not contain any use of names, likenesses, photographs, or other identifying elements in whole or in part, of any person, living or dead, without permission (proof of which must be provided to the Sponsor upon request in a form satisfactory to Sponsor);
- iii. the Proposal Entry and/or Solution does not infringe or violate the rights of any person or entity, including but not limited to, copyrights, trademarks, logos, copyrighted material not owned by Entrant/Entrant Team (other than Sponsor's related materials that were provided to Entrant/Entrant Team by or on behalf of Sponsor in connection with the Contest), contract and licensing rights, rights of publicity or privacy, moral rights, intellectual property rights, or any other rights;
- iv. any materials or information that it provides shall be true and correct;
- v. that Entrant or the Entrant Team fully owns or has properly licensed whatever materials or information it submits hereunder in connection with the Contest and can make such submission without violating any applicable law, agreement with a third-party, and/or third-party right of any kind;
- vi. any required permits from local authorities or other permissions were obtained to create the Proposal Entry and/or Solution and is documented sufficiently such that Entrant/Entrant Team can show proof of such permission upon request from the Sponsor; and
- vii. the Proposal Entry and/or Solution does not promote any activity that is unsafe or dangerous.

Any Proposal Entry or Solution that, in the sole opinion of Sponsor, is not in accordance with these Entry Requirements or is deemed to be inappropriate is ineligible for the Contest.

## 1.7 INDEMNIFICATION AND LIMITATION OF LIABILITY

**IN NO EVENT WILL SPONSOR, AND/OR SPONSOR'S PARENT COMPANIES, DIVISIONS, SUBSIDIARIES, AFFILIATES, ADVERTISING, PROMOTION AND PUBLIC RELATIONS AGENCIES, AND THE RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES, REPRESENTATIVES, ASSIGNS, AND AGENTS (COLLECTIVELY WITH SPONSOR, THE "SPONSOR PARTIES"), BE RESPONSIBLE OR LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR PUNITIVE DAMAGES (INCLUDING LOST PROFITS) ARISING OUT OF ANY ENTRANT'S OR ENTRANT TEAM MEMBER'S PARTICIPATION IN THE CONTEST, THESE OFFICIAL RULES, AND/OR ANY RECEIPT OF A PRIZE, NO MATTER UNDER WHAT THEORY ARISING, EVEN IF ANY SPONSOR PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. TO THE EXTENT NOT EXPRESSLY PROHIBITED BY APPLICABLE LAW, SPONSOR PARTIES' ENTIRE LIABILITY WITH RELATED TO: ANY ENTRANT'S OR ENTRANT TEAM MEMBER'S PARTICIPATION IN THE CONTEST, THESE OFFICIAL RULES, AND/OR ANY RECEIPT OF A PRIZE SHALL BE LIMITED TO €1000.** Some jurisdictions may not allow the aforementioned limitations or exclusions of liability entirely or in part and as such, the above limitation or exclusions may not apply to you.

Each Entrant and/or Entrant Team member agrees to release, indemnify, and hold harmless each of the Sponsor Parties from and against any and all claims, losses, liability, injuries or damages of any kind, (including reasonable attorneys' fees and expenses) asserted against any of Sponsor Parties, incurred, sustained, or arising out of or related to their participation in the Contest, the use, acceptance, or misuse of the prize, including, without limitation, any injury, damage, death, loss or accident to person, animal or property, or from their breach of any agreement or warranty associated with the Contest, including the Official Rules. Any attempt to deliberately damage any website or undermine the legitimate operation of the Contest may be a violation of criminal and civil laws and, should such an attempt be made, the Sponsor and each of their licensees reserve the right to seek any and all remedies available from any such person(s) responsible for any such attempt to the fullest extent permitted by law.

Each Entrant/Entrant Team member acknowledges and agrees that the relationship between themselves and the Sponsor is not a confidential, fiduciary, employment, or other special relationship. Each Entrant/Entrant Team acknowledges and agrees that such Entrant/Entrant Team will not be entitled to any compensation as a result of Sponsor's use of any such similar or identical material that has or may come to Sponsor from other sources. Entrants/Entrant Teams acknowledge that other Entrants/Entrant Teams may have created ideas and concepts contained in their Proposal Entry that may have familiarities or similarities to their Proposal Entry, and that they will not be entitled to any compensation or right to negotiate with the Sponsor because of these familiarities or similarities.

## 1.8 Responsibilities

Entrants/Entrant Teams further agree that the Sponsor and each of the Sponsor Parties are not responsible for the following: (a) electronic transmissions, Solutions or Proposal Entries that are lost, late, stolen, incomplete, damaged, garbled, destroyed, misdirected or not received by Sponsor for any reason; (b) any problems or technical malfunctions, errors, omissions, interruptions, deletions, defects, delays in operation or transmission, communication failures and/or human error that may occur in the transmission, shipping errors or delays, receipt or processing of entries or related materials; or for destruction of or unauthorized access to, or alteration of, entries or related material; (c) failed or unavailable hardware, network, software or telephone transmissions, damage to Entrants'/Entrant Teams' or any person's computer and/or its contents related to or resulting from participation in this Contest, or (d) causes that jeopardize the administration, security, fairness, integrity, or proper conduct of this Contest; (e) any Proposal Entry submitted in a manner that is not expressly allowed under these Official Rules (all such Proposal Entries will be disqualified); (f) any printing errors in the Official Rules or in any advertisements or correspondence in connection with this Contest. Sponsor reserves the right, in its sole discretion, to cancel or suspend this Contest or the awarding of prizes should virus, bugs, fraud, hacking, or other causes corrupt the administration, security, or proper play of the Contest. In such cases, notice to this effect will be posted on the Contest Site. If, in Sponsor's opinion, there is any suspected or actual evidence of electronic or non-electronic tampering with any portion of the Contest or if technical difficulties compromise the integrity of the Contest, the Sponsor reserves the right to void suspect Entry Proposals and/or terminate the Contest and award the prizes in its sole discretion. In the event of a dispute as to the identity of an Entrant/Entrant Team based on an email address, the Entry Proposal in question may be disqualified subject to the Sponsor's discretion.

## 1.9 Disputes

You agree that any and all disputes, claims and causes of action arising out of or connected with this Contest or any prize awarded shall be resolved individually, without resort to any form of class action, if applicable. All issues and questions concerning the construction, validity, interpretation and enforceability of the Official Rules, or the rights and obligations of the Entrant/Entrant Team and Sponsor in connection with the Contest, shall be governed by, and construed in accordance with, the laws of Germany without giving effect to any choice of law or conflict of law rules, which would cause the application of the laws of any jurisdiction other than Germany. The exclusive venue for any claim or matter, whether of a contractual or a non-contractual nature, arising under or in connection with this Contest shall be the competent courts of Cologne, Germany.

## 1.10 Sponsor

INVITE GmbH, Leverkusen, Germany

Otto-Bayer-Str. 32

D-51061 Köln, Germany

Tel: +49 214 31203102

E-mail: [coulon@invite-research.com](mailto:coulon@invite-research.com)

## 2 Data Privacy Information

Proposal Entries include information relating to identified or identifiable natural persons (“**Personal Data**”), in particular name, title, email address, mailing address, phone number and age of Entrants as well as names of members of Entrant Teams. Personal Data is protected by the General Data Protection Regulation (GDPR). INVITE GmbH as the Sponsor processes Personal Data for the purposes of the Contest as a data controller in the meaning of Art. 4 GDPR.

By submitting Personal Data of members of Entrant Teams in the Proposal Entry, Entrant represents and warrants that he/she has obtained all necessary permissions from all members of the Entrant Team to submit their Personal Data to Sponsor and has informed all members of the Entrant Team about data privacy.

Sponsor collects, processes, and/or uses Personal Data submitted in Proposal Entries for the purposes of the Contest in accordance with these Entry Requirements, in particular for verifying the identity of Entrants and members of Entrant Teams, for administering the Contest and to contact the Entrant for the organization and execution of the Contest. The respective legal basis for processing is GDPR Art. 6(1)(b) (contract with the data subject) and Art.6(1)(f) (legitimate interest of the Sponsor).

Apart from the registration of the Contest Sponsor collects, processes, and/or uses contact data (name, e-mail address, name of the represented legal entity/ employer) of the possible Contestants whom data is publicly available in order to contact them and raise their awareness of the Contest. The respective legal basis for processing is the legitimate interest of the Sponsor related to the promotion and awareness of the Contest (GDPR Art. Art.6(1)(f)).

If the participant provides its consent (in line with GDPR Art. 6(1)(a)) the Sponsor will contact the data subject in order to provide information about further competitions and/or cooperation beyond the scope of this competition by mail, telephone and/or email. For this purpose the sponsor processes the name, title, email address, mailing address and phone number of the data subject.

Access to Personal Data will be given to INVITE’s departments which are involved in managing the Contest. Personal Data may also be provided to INVITE’s affiliates and service contractors who are involved in managing the Contest. Service contractors are carefully selected and regularly monitored. They will only process Personal Data in accordance with INVITE’s instructions and on the basis of appropriate data processing agreements.

Personal Data may be transferred to and processed in countries outside the European Economic Area for which the European Commission has not decided that they ensure an adequate level of data protection. In such cases, INVITE sets up appropriate protection measures as required by Art. 44-49 GDPR.

Personal Data will be retained for at least 1 year after the Contest evaluation and then deleted.

Members of the Entrant Teams have the right to request information from INVITE about their Personal Data, access to and rectification or erasure of Personal Data. They have the right to request restriction of processing Personal Data or to object to processing as well as the right to data portability. They also have the right to lodge a complaint with the data protection supervisory authority.

For any questions regarding data privacy, Members of the Entrant Teams can contact INVITE's Contest team via [coulon@invite-research.com](mailto:coulon@invite-research.com).