

Advanced Industrial Robotic Applications 2024

Plant Service Robot Challenge

Official Rules and Data Privacy Statement

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1 Official Rules

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.

In 2022 the AIRA participants impressed us by their implementation of Andy — an autonomous plant service robot doing regular inspections and other tasks in chemical production facilities.

In 2024 we are asking YOU for the smartest way to remote control a mobile robot. We want to see technology which enables us to take remote control of Andy spontaneously and execute additional tasks from distance. This will bring the attractiveness of mobile robotics to a complete new level, as you can add this value to the existing contribution of autonomously operating mobile robots.

AIRA 2024 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.

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, 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.

How to Enter

1.1.1 Timeframe

Phase	Start (CET 12:00 AM)	End (CET 11.59 PM)
1	Proposal entry period	January 7, 2024
2	Proposal review period including Pitches	January 19, 2024
3	Development phase incl. transport to Frankfurt	June 9, 2024
4	Finalist event / ACHEMA	June 14, 2024

1.1.2 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 1.1.1. 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 2024 Contest.

1.1.3 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 as part of the review period. 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.

1.1.4 Rules for the “Development phase”

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

1.1.5 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.

It is also permitted to place QR codes or April tags on handles or similar objects for any task.

Task 1: Navigate a typical chemical facility

This task assesses the robot's capability to integrate a teleoperation system that enables remote control from any location within the chemical plant or laboratory. This includes the ability to navigate through the specified environments, which include stairs for legged robots and other challenges like inclined plane for wheel-based robots.

This task consists of two separate runs:

1. Navigate through a track of feature points (up to 6) without touching any obstacles.
2. Follow a track similar to run 1 but without any inserted obstacles. This will test your robots agility and ability to steer through turns without collision.

Scoring scheme:

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

- For reaching each feature point: 10 points.
- Collisions: up to 50% loss.
 - One collision: 25% loss.
 - Two or more collisions: 50% loss.
- Being the fastest robot: 40 points.
- The second fastest robot: 20 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.

Task 2: Open & Close Doors - Teleoperated by an operator your robot must be able to open and close standard doors successfully

This task is about demonstrating that the operator is able to reliably and precisely overcome door barriers with the robot from anywhere.

The surface of the door is non-transparent and has a door handle on each side as a grip. The door has no closer / opener and is limited only by a stopper at about 90° opening angle.

The solution consists of several substeps, which are to be executed in the following sequence:

1. Reaching the closed, but not locked, door.
2. Grasping the door handle and opening the door by pushing down the handle. It is allowed to attach auxiliary aids or tools to facilitate the manipulation of the door handle. (e.g., QR-Codes)
3. Opening the door and maneuvering the robot through it
4. Closing the door without colliding with it in any way.
5. Maximal time of 10 minutes for this task.

Scoring scheme: (total 100 points)

For a successful attempt to

- Reaching the door, which is closed without colliding with it in any way: 10 points
- Grasping the door handle: 10 points
- Start opening the door by pushing down the handle: 10 points
- Opening the door and maneuvering the robot through it: 50 points
- Closing the door: 20 points

Task 3: Material control and identification

This task is about demonstrating that it's possible to find your way around the laboratory/plant with the robot.

The operator must navigate the robot to a shelf.

Task 3.1: Finding something in an open space (25 points)

- Find a special container that's located within the parcour area.
- Take a picture of the label, so that it's possible to analyze the data (content, dangerous goods labels, bar codes...) and identify the container.

Task 3.2: Finding something on an open shelf (25 points)

- Navigate the robot to a shelf, or cabinet and identify the containers.
- Take one overall picture that enables to analyze the data (content, dangerous goods labels, bar codes, ...) and identify the container for an overall inventory.

Task 3.3: Locate a predefined object and relocate it (25 points)

- Find a special container within the cabinet and take a picture of the label, so that it's possible to analyze the data (content, dangerous goods labels, bar codes, ...).
- Bring the container to a designated place.

Task 3.4: (25 points)

- Take a readable picture of the label of a shipping box on the floor:

Task 4: Waste Disposal

This task evaluates the robot's ability to dispose small waste. The robot should be able to pick up a rag, a screw and clean up a puddle.

In this task the robot should:

- Pick a rag from a table and throw it into a trash can.
- Pick up a screw from the floor and throw it into a trash can.
- Clean a puddle of water with a sponge.

Scoring scheme:

For a successful attempt to:

- Pick up rag: 15 points
- Place it in a trash can: 15 points
- Pick up screw: 10 points
- Drop screw in trash bag: 10 points
- Take sponge: 10 points
- Clean puddle: 20 points
- Squeeze sponge in a bucket: 20 points

Task 5: Inspection of closed cabinets

This task evaluates the robot's ability to inspect the contents of closed cabinets. The robot should be able to open the cabinet, capture images of the cabinet's interior, and provide a clear view of its contents.

For this purpose, there will be cabinet with a twist grip (common in laboratories and chemical plants). The robot should open this cabinet and take a photo from all the inventories. Its necessary to close the cabinet before finishing this task.

Scoring scheme:

For a successful attempt the operator has to identify the including's of the cabinet.

- Successful opening of the cabinet: 25 points.
- Save a high-resolution image from the inside of the Cabinet: 20 points.
- Closing the cabinet again: 25 points.
- Preservation of the cabinet's contents and avoiding any damage to the cabinet: 30 points.

Task 6: Common maintenance task - Valve Operations and Bottle (Re-)Filling

This task evaluates the robot's ability to perform common maintenance tasks, specifically focusing on valve operations (opening and closing) with two different valve types and bottle (re-)filling.

1. Valve Operations:

The robot must demonstrate its ability to open and close two different types of valves. Both valves are simple ones from the hardware store (approx. 6cm diameter), each with distinct mechanisms.

2. Bottle (Re-)Filling:

The robot should be capable of refilling a designated bottle with a specified liquid.

The robot should:

1. Open the bottle's cap.
2. Accurately pour the liquid into the bottle.
3. Close the bottle's cap securely.
4. Avoid any spillage or leakage.

Scoring Scheme:

1. The robot can earn a total of 40 points for valve operations (10 points for each type of valve opening and closing).
2. Bottle (re-)filling:
 - Open the bottle's cap: 10 points.
 - Accurately pour the liquid into the bottle: 20 points.
 - Close the bottle's cap securely: 10 points.
 - Avoid any spillage or leakage: 20 points.

Task 7: Buzz Wire Game

There are three selectable diameter sizes of the sensor (5cm, 8cm, 12cm).

The grip of the hand sensor can be modified to ensure a reliable gripping. The parkour will have a length at which the robot must be moved at least once to complete the parkour.

There are checkpoints (start / 1 / 2 / end), reaching a checkpoint (without mistakes, class 1) gives points, reaching with touches gives fewer points (class 2), not reaching (time) or too many mistakes gives no points (class 3).

The wire consists of an approx. 4m bent conductive metal tube 6 - 8 mm. The dimensions of the structure are approximately LxH 2 m x 0,5 m. A failed attempt is indicated by optical and acoustic signals.

	Points	Description
Points for choosing a gripper depending on the difficulty	15	5cm = 15 pts, 8cm = 10 pts, 12 cm = 5 pts
Points for reaching Checkpoint 1	25	every touch -5
Points for reaching Checkpoint 2	25	every touch -5
Points for reaching EndPoint	25	every touch -5
Points depending on the ranking with respect to time needed to reach the EndPoint	10	Rank 1; Rank 2 = 10pts Rank 3: Rank 4 = 5pts, Rank 5: Rank 6 = 0pts

Prize Details

The Finalists will receive monetary prizes as listed below:

- 1st place: 40.000€
- 2nd place: 20.000€
- 3rd place: 15.000€
- 4th, 5th and 6th 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.

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.

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.

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.

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.

Sponsor

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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.