



Space Application Hackathon

Space Application Hackathon Competition rules

Article 1: Organisation

This competition is organised in IBM Czech Republic, spol. s.r.o. (V Parku 2294/4, 148 00, Prague 4) premises by CzechInvest as an operator of ESA BIC Prague in cooperation with other partners (especially SpaceKnow, European GSA Agency, GNSS Centre of Excellence, Fujitsu and IBM) in connection with Czech Space Week. This competition is called Space Application Hackathon.

Article 2: Objectives

The aim of the competition is to promote the use of space technologies for the benefit of people and our planet by organising a public event around space issues. CzechInvest and its' partners have several objectives in proposing this grassroots project:

- To develop the spirit of enterprise among young people
- To demonstrate that space is a vector of innovation for employment and economic development in a sphere beyond its usual ecosystem
- To participate in the adoption and reuse of space technologies and data
- To find future candidates, in the short or medium term, for the ESA BICs and partner incubators and accelerators.

Article 3: Challenges

The organisers will provide challenges with one open challenge in 4 categories: Earth Observation, GNSS/ Navigation, SpaceTech and Blockchain in Space. Each category has own guarantor. For Earth Observation Category is the guarantor the company SpaceKnow; for GNSS Category are specifically two guarantors: European GNSS Agency and GNSS Centre of Excellence; for SpaceTech category is the guarantor the company Fujitsu and for Blockchain in Space Category is the guarantor IBM.

The challenges are validated by these guarantors.

Article 4: Schedule

The competition is organised according to the following schedule:

9 November

13:30 Participants registration and small refreshment

14:00 Welcome speech by organizers and partners + presentation of challenges mentors

15:00 Workshops to help you tackle the technology and challenges by Category guarantors

- EO by SpaceKnow
- GNSS by GSA and GNSS CE

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- SpaceTech by Fujitsu and UpVision
 - Blockchain by IBM
- 15:45 Building the teams and pitching your idea
16:00 Hacking time
18:00 Dinner
19:00 FuckUp training: how NOT to start a business by Happyend.
22:00 Exercise with Twiner

10 November

- 8:30 Breakfast
12:00 Lunch
14:30 Pitch training
16:00 End of hacking and coffee break
16:30 Presentation for the jury
19:00 Award ceremony, Farewell cocktail party

Article 5: Participants

Participation in the competition is open to business creators, students, researchers, entrepreneurs, associations, companies, developers, users, job seekers, designers and space experts. Together they will form teams to take up, in 24 hours, one of the challenges to be proposed by the guarantors or one open challenge. The competition is open to teams of two to five people including:

- adult individuals having an activity or residing in the EU (business creators, students, researchers, developers, users, designers and space experts, job seekers, etc.)
- and/or private law legal entities (associations, companies), represented by an individual delegated to participate in this competition, with no limitation as to nationality.

Article 6: Terms of participation

All participants must first register on the official website at the following address: <http://www.czechspaceyear.com/hackathon/>.

The organizer for the competition event reserves the right to refuse access to the buildings of the competition sites to persons who are not registered on the abovementioned official website.

Registration implies irrevocable acceptance of the following:

- these rules
- receipt of emails from the competition organiser
- optionally, receipt of offers and emails from the organiser's partners
- ratification of authorisations relating to image rights which, where applicable, will be requested by the organisers, to enable them, and their partners, to use and disseminate, free of charge and on a non-exclusive basis, photographs of the participants and use these photographs, in whole or in part, for teaching, research, cultural or scientific or commercial exploitation purposes
- ratification of GDPR form.

Registration and participation in the contest is free of charge.

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Article 7: Constitution of teams and allocation of topics

The constitution of teams is carried out freely and will not be imposed by the organisers. The minimum persons required per team is 2 people. The organizers encourage the formation of teams with different profiles and specialities. Single candidates will be helped by the organizer to form a team before or just at the beginning of the competition events.

The topics selection will be open until the official start of the competition, including possible changes of the chosen topics. One topic can be developed by several competing teams.

Article 8: Confidentiality and intellectual property of developments

Participants are duly informed - and acknowledge - that the organizer does not guarantee the confidentiality of the information contained in the project files submitted.

The organizer advises participants to take all measures that they deem appropriate to protect the information or technical elements that they hold, and which would likely be the subject of intellectual property rights, prior to participating in the event.

Participants undertake to inform the organizers of any intellectual property rights they hold, and which are enforceable against the exploitation of work done within the framework of this competition to meet one of the challenges.

Participants are reminded that all information or technical elements they hold, and which are not covered by intellectual property rights are part of the public domain.

Regarding software developments, candidates retain full ownership of the intellectual property rights on software developed within the framework of the competition, and exclusivity of commercial exploitation.

However, they authorise the organisers to use, for the sole purpose of promoting the competition and candidates, excerpts from these developments, in a form to be agreed between the candidate and the organisers, for example in the form of a screen shot, limited access to the development for non-commercial purposes or any other form defined by mutual agreement to allow good communication of results of developments made during Space Application Hackathon, without affecting the ownership and exclusivity of the commercial exploitation retained by the candidates.

Article 9: Assistance in preparing project files

Several teams of mentors who are experts in different areas (earth observation, navigation, blockchain, drones, CubeSats, project management, business creation, other space experts etc.) will be made available by the organiser to assist candidate teams who wish, on the competition sites or online on Slack: <https://space-app-hackathon.slack.com>.

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Article 10: Designation of winners

Each team will present its project to a jury during a 7-minute presentation which will take place at the end of the competition. The projects are assessed according to **FIVE** criteria:

- Use of space data or technologies (elimination criterion).
- Validity of economic model to generate revenue (maturity of supply and demand, reliability analysis, etc.). This criterion can award up to 8 points. It counts double.
- Innovative and original nature of the project (product, service, or incremental innovation, radical or architectural innovation, technological or organisational innovation, business model or social innovation). This criterion can award up to 4 points.
- Expected benefits of the project (relevance of the project for major social issues, etc.), in particular in terms of creation of services and jobs. This criterion can award up to 4 points.
- Jury's favourite. This criterion can award up to 4 points.

For the business plan part of the presentation, we recommend using this model <http://www.businessmodelcompetition.com/business-model-canvas.html> for which a tutorial can be found here: <http://youtu.be/QoAOzMTLP5s>

After the presentations, the jury will get together and agree on one complete winner of the competition and one, two or three winning teams for each category. The guarantors for each category will decide whether they award prize to one, two or three teams.

The participants irrevocably acknowledge:

- that they have been informed that the rules do not provide for any recourse regarding the constitution or decision of the jury
- that jury deliberations are confidential and will not be disclosed to participants.

Article 11: The prizes

A prize will be awarded to the best projects. The prizes are set by the organiser, guarantors of each category and other partners and they are not enforceable.

The complete winner of the hackathon will receive a prize of CZK 50,000 and a trip to the European Astronaut Centre in Cologne, Germany. The winning team of SpaceTech Category will get a chance to become a part of the rocket-building team. Other prizes are provided by the category guarantors. Guarantors reserves right to change it or not grant it at all if the required quality would not be met in the final projects.

The projects of the winners will be promoted through:

- institutional communication (via the websites and newsletters of the organiser and its partners)
- presses relations
- networking with the organiser and its partners.

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Article 12: Award of prizes

The official awarding of the Space Application Hackathon prizes will take place during the End of Year Conference on the 12th of November 2018, yet the results will be announced at the end of the Space Application Hackathon on the 10th of November 2018.

Article 13: Change of competition dates

The organiser cannot be held liable if, in case of force majeure or events beyond its control, it is required to cancel, reduce, extend or postpone this competition or change the conditions.

Article 14: Interpretation of the rules

Participation in the "Space Application Hackathon" competition implies full acceptance of the terms set out in these rules. The organiser of the competition event in which the candidate participates will be sovereign for all matters relating to the application of these rules or any issue that may arise which is not covered by them. Its decisions are final.

Article 15: Legal filing

The rules may be changed at any time in the form of an amendment by the organiser, in accordance with the conditions laid down and posted online on the website <http://www.czechspaceyear.com/hackathon/>. They will take effect from the date they are published and all participants will be deemed to have accepted them by the mere fact of their participation in the competition, from the effective date of the change. Any participant who refuses the changes made will not be able to present his/her project.

Article 16: Candidates' commitments

Participants undertake to respond to any request for information from the organiser of the competition event in which they participate or of the selection committee and jury. The organisers reserve the right to cancel the application and participation of any person who fails to respect these rules, the equipment and premises of the competition venues, of third parties, etc. The candidate undertakes not to exercise any recourse concerning the organisation of the competition, the results and jury's decisions.