

ONLINE HACKATOM HUNGARY

29 APRIL 2021 - LECTURES

Starting at: 11:00 (CET)

WEBEX online conferencing platform – a link will be sent 20 April 2021

30 APRIL 2021 - PRESENTATIONS

Starting at: 11:00 (CET)

1st DAY

11:00 **Moderator's introduction**

LECTURES

11:10 **The simulation of Nuclear Power Plants flow sheets** – Peter the Great Saint-Petersburg Polytechnic University (St. Petersburg)

11:40 Break

11:45 **Major features and basics principles of incore monitoring systems** – Tomsk Polytechnical University (Tomsk)

12:15 Break

12:20 **Dose values equipment and measurements. Absorbed dose depending on product and its packaging.** – Ural Federal University (Ekaterinburg)

12:50 Break

12:55 **Creation of a digital acoustic model of a nuclear power plant with VVER to achieve zero failure of nuclear fuel and control and protection of the system** – MPEI (Moscow)

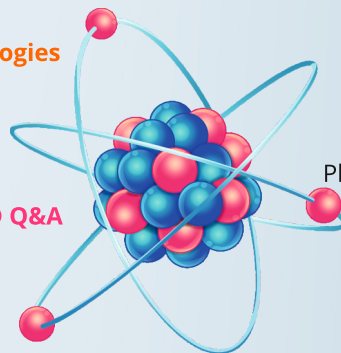
13:25 Break

13:30 **Safety of Russian reactor technologies** MePhI (Moscow)

14:00 Break

14:05 **Q&A**

15:00 **ANNOUNCEMENT THE TASKS AND Q&A**



RULES OF THE HACKATOM

- The competition will be conducted entirely online.
- Teams will consist of a minimum of two to a maximum of five participants.
- The teams can include students from different faculties, as long as they are from the same university.
- Each team chooses how to work – online or offline. When choosing to work offline, the team chooses the place and is fully responsible for compliance with epidemiological requirements.
- The teams are formed in advance and are registered with the respective department – partner of the competition.
- Each team chooses the format that they will use for the task.
- There are no restrictions on what technologies can be used.
- Any number of participants from the team can participate in the presentation of the project.
- Each team has 5 minutes to present its project (a 30 second and 10 second card will be held up to notify the team of their remaining time). Presentations shall be sent by 30 April 8:00 AM.
- The official language is English.

2nd DAY

10:00-11:00 Start of the online session – Test of the connection

PRESENTATIONS

11:00 **Moderator's introduction**

11:10 **Presentations from the teams in alphabetical order**
Each team will have 5 minutes to present the results of their teamwork, after which the jury will ask follow questions for a maximum of 2 minutes.

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|-------------------------|------------------------|
| 1. Team: Alfa | 13. Team: PaksIII |
| 2. Team: Amigos | 14. Team: Pentumvirate |
| 3. Team: Azernüve | 15. Team: SAFE-A235 |
| 4. Team: Chernobyl | 16. Team: Stronytium |
| 5. Team: Dads | 17. Team: Superbly |
| 6. Team: DunaGo | 18. Team: Szakik |
| 7. Team: DungeonMasters | 19. Team: Team Inbalan |
| 8. Team: Femap | 20. Team: Team Zeus |
| 9. Team: Fusion Force | 21. Team: The Tokamaks |
| 10. Team: HadDPhi | 22. Team: UNIDEBEM |
| 11. Team: Lion Team | 23. Team: United |
| 12. Team: OP | 24. Team: Y-VOLNA |

13:15 **Break for jury deliberation**

13:45 **Announcement of the winner and closing remark**

Ph.D Samokhin Dmitry Sergeevich – MEPhI (Moscow)

PRIZES

1ST PRIZE:

Samsung Galaxy S20 FE DualSIM 5G 128 GB
for each member of the team

2ND PRIZE:

Samsung R840 Galaxy Watch 3
for each member of the team

3RD PRIZE:

Winchester 4000GB Western Digital SATA
3 for each member of the team

All Participants will receive a backpack with a selection of small gifts.
The prizes will be delivered and presented at the universities.

All participants will be invited to visit the Paks NPP.
Arrangements regarding the date and agenda of the visit will be confirmed at a later date.