UNIVERSITATEA LUCIAN BLAGA DIN SIBIU

HPI Hasso Plattner Institut
Digital Engineering · Universität Potsdam

CLUJ IT

SID 2021
Sibiu Innovation Days
28 - 30 October, Sibiu - RO

DIGITAL TRANSFORMATION - PREREQUISITE FOR SUSTAINABILITY IN ALL ECONOMIC SECTORS AND FOR SOCIETY

COMPETITION RULES

SID 2021 SECTION S2

HACKATHON: programming competition for students

Access to Hackathon

The access to Hackathon SID2021 is permitted only for:

Persons presenting the identity card and the EU COVID-19 DIGITAL CERTIFICATE (GREEN PASS), containing:

- proof of vaccination against the SARS-CoV-2 virus for which 10 days have passed since the completion of the vaccination scheme with a vaccine recognized / authorized in Romania.

- proof that they are in the period from the 15th to the 180th day following confirmation of infection with the SARS-CoV-2 virus.

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CENTRAL THEME

DIGITAL TRANSFORMATION

- A PREREQUISITE FOR SUSTAINABILITY IN ALL ECONOMIC

SECTORS AND FOR SOCIETY

SUBTOPICS

1. ARTIFICIAL INTELLIGENCE
2. SMART HEALTH
3. STARTUPS, ENTREPRENEURSHIP AND PERSONAL DEVELOPMENT
4. DIGITALIZATION / INDUSTRY 4.0 CHALLENGES
5. THE FUTURE OF WORK: UPSKILLING, RESKILLING, THE LONG-LIFE-LEARNING, NEW JOBS, NEW SKILLS
6. WORLD / EUROPEAN CHALLENGES FROM RDI / INNOVATIVE PARTNERSHIP
7. SMART CITIES
8. SMART AGRICULTURE APPLICATIONS SUSTAINABILITY, GREEN SOCIETY

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COMMUNICATION OF THE CHOSEN TOPIC

- On a date that we will announce later, on the SID 2021 event website a form will be uploaded through which each participating team will communicate the chosen theme from the eight announced subtopics, a short description of the project and other particularities.
- From this moment, each participating team can start the development of the project with the mention that, on the day of the competition, 28.10.2021, they will receive from the technical commission, the specific requirements of the topic, requirements that will be taken into account in judging the projects.
- Any technologies can be used to implement projects.

PROJECT PRESENTATION

- At the end of the competition, each team will have 15 minutes to present the project and then 5 minutes of Q&A.
- The presentation and sources will be uploaded before judging on GitHub.

JURY

The jury includes university teaching staff and representatives of companies participating in SID 2021.

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EVALUATION CRITERIAS

1. The idea of the project and the inclusion within the chosen theme from the list. Usefulness, business case
2. Architecture. Scalability. Complexity
3. Functionality
4. Technical aspects: quality of implementation (clean code, patterns, unit testing)
5. The impact of the idea in society
6. Originality
7. Resource optimization. Sustainability
8. Clear highlighting of own solutions during the presentation

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All the participants will receive gift bags from:

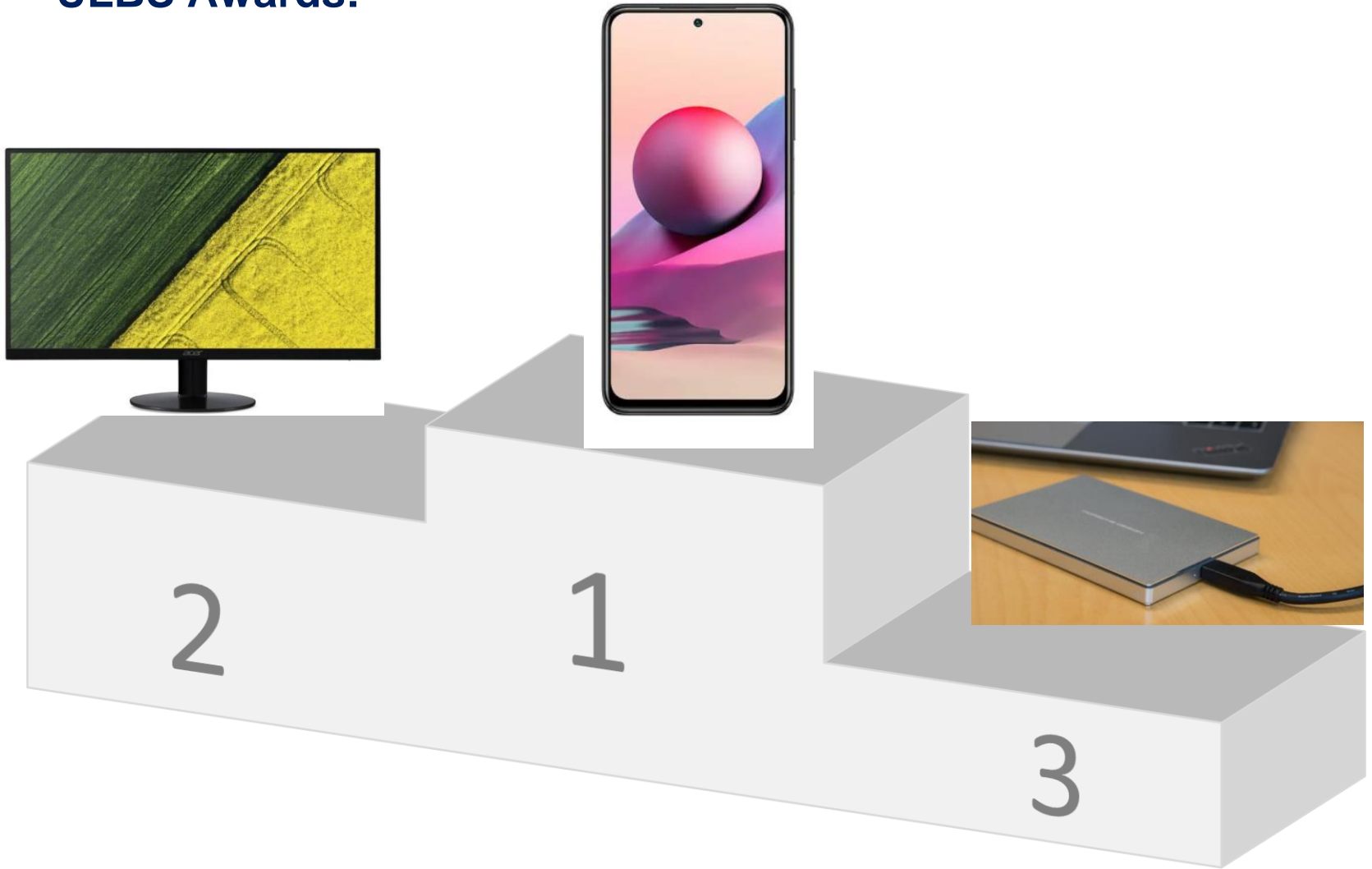**NTT Data**   **CONTINENTAL**   **ULBS**   **ELROND**   **TNT Computers**

ULBS Awards:

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HOW TO CARRY OUT THE CONTEST

Where: ON SITE (Lucian Blaga University Laboratories),
Science Faculty, Ioan Ratiu Street 5-7
Duration: 24 hours starting with 2021 Oct 28., 10:30
Teams: 3 to 5 students (College / University BSc, MSc level)