UIC TRAINRAIL HACKATHON

How can railways be resilient in the face of pandemics?

A gathering of creative minds in railway industry

OBJECTIVES

- **develop** rail transport involving sustainable development (SDGs);
- **create** the spirit of innovation;
- **develop** the skills needed to become a leader;
- **strengthen** intercultural exchanges;
- **support** challenges with creativity;
- **promote** startups;
- **mobilise** the best talents;
- **turn** an idea into reality.
CONCEPT, WHAT IS A HACKATHON?

- creative minds coming together;
- a subject related to world practical problems;
- grouping of several skills;
- opportunity for communication, exchange and sharing;
- exercise of activities for the improvement of analysis, design and capacities;
- development of new ideas;
- proposal of innovative solutions;
- mutual learning of knowledge and technologies.

PARTICIPANTS

- regional: talents from rail networks and training organisations in the region organised in teams of 4 to 6 people (to be decided), and industry start-ups;
- international: 1 to 2 winning teams from each region / individuals.

FORM OF THE COMPETITION

- regional competition: “online” or “offline”, or mixed;
- final competition: presentation of the project in person, by the regional winners.

TRAINING AND WORKSHOP

1. Training of trainers
   September-October 2021
   - Online competition
   - Content: Hackathon Organisation, Online Interaction Platform

2. Training of participants
   November 2021-February 2022
   - Content: basic skills, advanced skills (design spirit, code management, arduino, etc.) and other skills (modelling, engineering, equipment, IP, etc.).

FURTHER SUPPORT AND FEEDBACK

01 Further improvement of the prototypes
   Promote start-ups
02 Opportunity for industry application
   Possibility for further investment
TIME AND SITES
hackathon.railtalent.org/

Regional events
November 2021 to February 2022.
To be decided by each regional organiser

Train the trainers
Two training sessions are scheduled in September and October 2021. Training on "how to run a hackathon" will be held online on 23 September 2021.

Online Train the trainers session will be held on 21 October 2021.

Contacts
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International event
April 2022 to May 2022
Final competition at WCRT 2022
https://wcrt.uic.org

Further information on global hackathon
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