ENRICH 2019 Schedule

Monday 01/7/2019

0900	Official Opening Ceremony, Safty Instructions, Inprocessing
1200-1330	Lunch (same time daily)
1400-1500	Scenario Tour for Participants
1500-1800	Testing, Set-Up of Robots, Sensors and Wireless (Bitlane and outdoor)

Tuesday 02/7/2019

0800-1800	Testing, Calibration, Set-Up of Robots, Sensors and Wireless outdoor/indoor with RN- Sources outdoor
1000-1400	**Press conference**
1800-2100	Postersession, BBQ- Dinner

Wednesday 03/7/2019

0800-1800	Competition Day 1 of 2
1100-1400	**VIP- Day**

Thursday 04/7/2019

0800-1500	Competition Day 2 of 2
1000	Group Photo
1530-1800	Award Ceremony & Farewell

Friday 05/7/2019

0800-1200	Departure Teams Outprocessing

http://enrich.european-robotics.eu

ENRICH

ARWT

The Armaments and Defence Technology Agency (ADTA) is the centre of excellence at the science and engineering-oriented departments like machine constructions, construction engineering, electrical engineering, safety engineering, power engineering and materials engineering as well as the natural scientific department's physics, chemistry and biology.

SECURITAS PER SCIENTIAM ET TECHNICAM

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European Robotics Hackathon

EnRicH 2019

EUROPEAN ROBOTICS

ZWENTENDORF
01 - 05 July 2019

Fraunhofer FKIE

EVN

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AUSTRIAN ARMED FORCES

Armaments and Defence Technology Agency

WIR SCHÜTZEN ÖSTERREICH.

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UNSER HEER

ENRICH - A new Robotics Competition

Incidents such as Fukushima, Majak or Chernobyl as well as the decommissioning and dismantling of old nuclear facilities (e.g. Sellafield, Asse or Murmansk) have taught us that the use of robotics technology has clear advantages. There are many measurement and sampling tasks too risky for humans to carry out. For these radiological and nuclear (RN) scenarios specialized robot systems have to be developed. However, although there is a strong need for such solutions, for the near future no market-ready systems can be identified. Together with several partners, the European Robotics group decided to transfer the already well-established hackathon idea from the field of software development into the robotics world.

ENRICH 2019 offers three different task categories:

The exploration task is divided into two sub-tasks. First, a digital 3D map of the area of interest has to be built. Second, radiation and its sources should be detected, measured and marked inside a digital map.

The manipulation task is also divided into two sub-tasks. First, identify a specific pipe containing radioactive coolant. Second, close the corresponding valve.

The search and rescue task we will provide dummies spread throughout the building. These have to be found and the positions have to be marked in the map.

Notice:

- By visiting this event you agree the usage of your images
- Use only paved paths
- You have to obey orders given by security staff