Maker Faire Rome 2017: Rural Hack Open Source Hardware in Agriculture (Entry Level)

Novembre 28, 2017 · admin

The fifth edition of the Maker Faire Rome represents the biggest show in the world dedicated to innovation, together with Bay Area (San Francisco) and New York. It’a a fair that put together science, technology, fun and business, and give life to something completely new.

THE MAKER FAIRE ROME 2017

At the Maker Faire Rome you will be able to make a leap in the future between hundreds of innovations never seen before: virtual reality, augmented reality, drones, robots, 3D printings, enterprise 4.0, IoT, sustainable energy, the cooking of the future, games,

innovative technologies for transportations, arts and music.

A Kids area even richer for fun and learning for children from 4 to 15 years; a food area, with a lot of innovations dedicated to food and agribusiness and the **House of Drones**, which will host a dense programming of drones performances, both amateur and professionals. And, like always, there will be a dense program of workshops, performances and talks.

Among the news of this edition will be the RuralHack area, conceived as a meeting place for visitors, technology and agriculture and designed to create bridges between hackers and community, academic research and small/medium agribusinesses, through immediately understandable approaches and economically viable technologies. A place to learn easily, especially for small farmers, to use technology to improve production processes in their own businesses.

Among the curators of the agrifood area there will be our Scientific Director Alex Giordano and Sara Roversi, founder of the Future Food Institute. Thanks to symbiotic work of the curators, the protagonists of the main national and international industry experiences were involved: they will share their path with us to discuss all together what approach best meets the need of the Italian ecosystem: makers, hackers or hi tech?

Contenuto multimediale: https://www.youtube.com/embed/p3dE64fM0c4?feature=oembed

Among the workshop planned for the RuralHack area: **Rural Hack Open Source Hardware in Agriculture (Entry Level), in collaboration with** Officine Innesto.

THE WORKSHOP

The Rural Hack Open Source Hardware in Agriculture (Entry Level) is a 2hr ride through different cultural and technological aspects on how Open Source Hardware may change (possibly in a better way), our relationship with local farming, and knowledge of plants in general.

The final goal of RuralHack is to get your hands dirty in the mud, we'll try to accomplish this difficult task at Maker Faire Rome. Besides this, we'll be able to teach a microcontroller to perceive (in several ways) the soil moisture levels, as well as temperature, humidity of the air and light.

Eventually will get the boards to communicate in different ways (telegram bot, post requests). The so-called "node" will be able to send his data to the closer node or serve it on a self-hosted website.

You can either attend the workshop in a more active way (and you will need a laptop, the rest is given from us) or just by listening and following the lesson.

OFFICINE INNESTO

The workshop is realized in collaboration with Officine Innesto, an innovative company that deals with design and technology to connect the digital world the the physical one. They are specialized in education, workshops and prototypes and are looking forward to meet the participants of the Maker Faire Rome!

Join us in the workshop, the registration is free! An opportunity not to be missed to be able to take part in one of the most interesting and dynamic workshops of the fair. You will have 3 occasions to get your hands dirty among soil and sensors:

- 1 dicembre dalle 16.00 alle 18.00
- 2 dicembre dalle 10.30 alle 12.30
- 2 dicembre dalle 15.00 alle 17.00

Furthermore, if you buy online the entrance ticket to the Maker Faire Rome 2017 you will be able to discover the future with only 6,00€ for a daily pass. If you buy the three days pass you will pay 16,00€ instead of 22,00€. If you want to buy your entrance ticket please visit makerfairerome.vivaticket.it, choose the “Ridotto Partner” fare and use this discount code:

MFR17HVX6B

Remember: you can use the discount code only for online buy.

Fonte: https://www.ruralhack.org/maker-faire-rome-2017-rural-hack-open-source-hardware-in-agriculture-entry-level/