



Hackathon Call

House of Apps Create great apps for citizens



**Help the Citizen Science community
to become more efficient in app development.**

Participate in the Hackathon
and win the travel and accommodation expenses for the OGRS Symposium that will
take place in Lugano (Switzerland) from 9 until 11 October 2018
(<http://2018.ogrs-community.org/>)



Extended submission deadline

Please note that the deadline to submit your application has been extended to 24 August 2018.

How to participate

1. Look at the Hackathon Event at the Citizen Science Cost Action Website: <https://www.cs-eu.net/news/house-apps-create-great-apps-citizens>. Go to the menu tab “Challenges” and select one challenge, or get inspired by one or more challenges to create your app.
2. Send an email to the organisers to express your interest and/or to get more information.
3. Submit your app to the organisers by 24 August 2018.

Organisers contact

Rob Lemmens (r.l.g.lemmens@utwente.nl) and Vyron Antoniou (v.antoniou@ucl.ac.uk).

Find more details below.

Background

Citizen Science is largely realized today through either mobile or web applications.

Let's create a fertile environment where future developers will turn to, so to find the basic building blocks for creating such applications. As most applications currently are isolated, we want to create modular reusable components which can be used by app developers.... think of it like a lego-like house of apps.

Aim

To ease the creation, findability, and re-use of mobile apps for Citizen Scientists. These apps need small software components that focus either on interfacing mobile sensors or on geodata import (e.g., satellite images, in-situ sensor data). Newly created software is welcomed, but there are lots of open software libraries out there that can be reused or recombined! You can have a look into the challenges provided below so to get ideas about expected problems that your component could solve.

Who should participate?

Are you a student, a developer, a UX designer, a researcher? Everyone is welcome!

Just create any software component that will be easy to be re-used by others like you in a Citizen Science application. You can form your team from the same or from different locations or you can work individually.

What you can win?

The winners will get a free trip and accommodation to attend the OGRS Symposium that will take place in Lugano (Switzerland) from 9 until 11 October 2018, see <http://2018.ogrs-community.org/> (according to the COST Actions' rules that will also apply for all the rest of the COST Action's members).

What to deliver:

You will submit your (mobile or web) application component and document your work with text and a short (max. 2 minutes) video pitch (all of which will be made publicly available). Illustrate the originality and novelty of your approach and reference any external sources you used to help you complete the task.



Timing and evaluation

Deliver your app and its documentation by 24 August 2018 (please find documentation guidelines below). The evaluation will take place at the end of August and the developers of the three best components will attend the OGRS Symposium and present their results at the Citizen Science project session (either individuals or two participants from each team).

Judging Criteria

- “Stand alone”? Can it serve as a component and be connected to other components?
- Complexity of the task accomplished
- Quality/completion of the code documentation
- Quality and engagement in the video pitch
- Potential scientific and societal impacts of the results
- Originality and novelty of the approach taken
- Overall quality of the entry to the datathon

Notify us for your interest to participate or for any further information needed by contacting Rob Lemmens (r.l.g.lemmens@utwente.nl) and Vyrion Antoniou (v.antoniou@ucl.ac.uk).

Documentation

In order to facilitate the evaluation of your effort and to enable further reuse of your submitted component please provide details for the following points:

- Methodology used
- Flow diagram of the followed approach
- Any libraries used
- Submit commented code
- According to the COST Actions' rules that will also apply for all the rest of the COST Action's members.
- Any input needed for the component to run
- Any output created from your component
- Example use case scenario
- Potential links to other components