



ROSA Gathering and Residency 2022 Yogyakarta and accross Indonesia



Regional Open Science Hardware & Art

ROSA - Regional Open Science Hardware & Art, Indonesia

Substantive Final Report - GOSH Regional Funding Round 1

Grant Information

Award #: GOSH Regional Event Award

Awardee: International Hackteria Society

Event Title: ROSA - Regional Open Science Hardware & Art, Indonesia

Event Dates:	Pre Activities:	April - June 2022
	Preparations:	25. September - 15. October 2022
	Main Activities:	15. October - 15. November 2022
	Dissemination Phase:	5. November - 30. December 2022

Main Documentation

As stated in the original application:

"We will use the Hackteria wiki to document the events and our research as text and photo. The organisational working group will use our self-hosted nextcloud for collaboration. For online meetings with our collaborators we will use our self-hosted BigBlue Button, and workadventure, and we'll use advanced streaming methods with OBS (open broadcast studio). Regular outcomes, discussions and outreach to the GOSH community will be on the GOSH forum. Individual projects will be published on github repositories."

<https://www.hackteria.org/wiki/ROSA>

All the content of the hackteria wiki is under a Creative Commons licence, CC BY 4.0

Individual Project Documentations

New circuit and workshop handouts for making a touch-noise synthetizer, based on LM386

<https://github.com/dusjagr/GAPS-DangdutFromHell>

The most important open hardware tool in the region!

<https://github.com/dusjagr/Ceker-HexDriver>

New pisibi and circuit for EM-sniffer, inspired by LOM's Elektrosluch (Error Static Zapper too), SOMA Ether, 1010 Detektor and Franzis' Bat-Detector and many others...

Goal: Make an affordable new and kinda modified / improved version of an EM sniffer in Yogyakarta, Indonesia. Use mainly parts that can be sourced locally on the common online shops or local stores.

<https://github.com/GenericLab/o--Indosluch.EM--o>

diy-CAD (do-it-yourself Children Aided Design): The core idea of the workshop-kit is tool for creative designs of printed circuit boards, introducing basic concepts of Open Hardware being something to re-design for your own use.

Simple continuity tester based on Continuity Tester by David Johnson-Davies
<https://github.com/GenericLab/peepsy>

CO2-soil-respiration-chamber

For more info of our developments and field testing, visit the hackteria wiki:

https://www.hackteria.org/wiki/CO2_Soil_Respiration_Chamber

<https://github.com/GenericLab/CO2-soil-respiration-chamber>

Fork and redesign of the BioAmp EXG Pill

<https://github.com/GenericLab/BioAmp-EXG-MedTechDIY>

A tribute to Rob Hordijk (RIP) - As I was taking care of my wife at the hospital, I decided to redesign Forestcaver's Benjolin <https://github.com/forestcaver/Benjolin> As I was finishing this, Rob Hordijk passed away and I would like to dedicate this to him.

https://github.com/squaresolid/benjolin_gorga

Redesign of the CO2 SCD41 Sensor breakout board

https://github.com/squaresolid/Gosanke_Koi_CO2_Sensor

Fork and redesign of the mixerli, not yet uploaded

<https://github.com/stahlnow/mixerli>

Interactions with GOSH board and community

We have joined several calls, open hours etc...

Some Photos



Find many more here: <https://mega.hackteria.org/index.php/s/n7yRC2rKTP29BDe>
We are still finishing a more substantial post-event documentation.

Interaction with GOSH community on the Forum

Original application:

<https://forum.openhardware.science/t/apply-here-for-goshs-2022-regional-events-funding-round-1/3290/7>

 talk about cultural differences.

In short:
"A regional event series combining a longer on-site residency, multi-geographical work connection local outreach tour, as well as a research & production lab and a gathering of interesting players from the region of South East Asia."

Schedule:
1 April - Start of residency (duration 5-6 weeks)
April - ROŠA workshop and outreach tour in Java and Sulawesi (duration 3 weeks)
5 - 15. May - ROŠA temporary lab, Yogyakarta.
12 - 15. May - ROŠA gathering, Yogyakarta

Residencies:
We will be happy to host and finance one person for a longer durational residency to work in the local context of Yogyakarta, as well as exploring other regions of Indonesia together. The focus of the applicants should cover the main topics of "rural open science hardware" in the newly explored regional context. The residency will be chosen through a call, by the organising team, and selected according to the GOSH values and experiences to create valuable research.

(The second residency is Marc Dusseiller, mostly in the role of co-ordination and organizing the event series. His travel costs are covered privately.)

ROŠA workshop and outreach tour:
The local team and residence researchers will be invited for a tour through Java and Makassar, Sulawesi to visit selected communities and learn and share experiences in open science hardware in the local context through workshops, expeditions and talks.

ROŠA temporary lab:
For 10 days we'll inhabit a public venue in Yogyakarta to set up a temporary lab for developing and experimenting with our hardware projects, host local visitors and public events, promoting the collaborative and open source spirit of our activities.

Announcement & Updates:

<https://forum.openhardware.science/t/rosa-gathering-indonesia/3522>

ROŠA Gathering - Indonesia 

                                                           

dusjgr  

Continuing the discussion from [Apply here for GOSH's 2022 Regional Events Funding \(Round 1\)](#):

Happy to announce that we received the regional events funding from Round 1 for activities this Spring / Summer in Indonesia and South East Asia.

In short:
"A regional event series combining a longer on-site residency, multi-geographical work connection local outreach tour, as well as a research & production lab and a gathering of interesting players from the region of South East Asia."

Introduction to GOSH 2022 participants:

<https://forum.openhardware.science/t/gosh-2022-introductions/3796/52>



duijagr

Oct 28

Hello everybody!

Sadly I won't make it to Panama... the "first" time I miss the global GOSH event 😞

My name is Marc also known as "duijagr" or "Pakihle Marjono" and have been very active with the Global Hackteria Network on bridging art and DIY science, connecting people from different backgrounds and cultures.

Now we are in the middle of our GOSH funded regional activities here in Yogyakarta, Indonesia 🇮🇩, and it didn't make sense to travel so far during the activities we planned here.



You can see info on ROSA - Regional Open Science Hardware & Art, Indonesia here:
<https://www.hackteria.org/wiki/ROSA> 🌐

New Developments on DIY-CAD educational methodologies:
<https://forum.openhardware.science/t/new-designs-for-diy-cad-workshops/4301>

Call for meeting with other regional events organizers:
<https://forum.openhardware.science/t/regional-events-2022-please-share-updates-in-the-forum/3972/24>

Sadly this never happened...