



Gathering for Open Science Hardware 2018 | Shenzhen, China

scaling hardware, growing community

Hardware is a vital tool for scientific experiments which makes it essential for researchers, educators, inventors and anyone wanting to find out more about the world around us. Open Science Hardware aims to increase global access to scientific equipment through sharing open designs, often taking advantage of modern digital fabrication techniques and low-cost electronics platforms. A growing number of people around the world are already developing and using Open Science Hardware: high school teachers, researchers in international institutions, entrepreneurs and grassroots community groups.

After a hugely successful meeting in Chile in 2017 and publication of the [GOSH Roadmap](#) to guide the community towards a vision of ubiquitous open science hardware by 2025, the Gathering for Open Science Hardware 2018 is moving to Shenzhen, China - the 'hardware capital of the world' - to look at scaling in all its forms and growing the open science hardware community.

Expected outcomes of GOSH 2018



Scaling up the community, we will welcome up to 100 people from many countries and broad backgrounds, including over a third of participants from Asia.



Establishing working groups to tackle complex problems like design of sustainable business models, design strategies for calibration and reproducibility of measurements, interactions with open and citizen science.



Engaging local communities, taking advantage of being located in Shenzhen to form local connections and raise the profile of open technologies for science in the region.



Updating the Global Open Hardware Roadmap, developed by the GOSH Community in 2017 as a vision for ubiquitous open science hardware by 2025.



