

What scholarly infrastructure has supported this STS formation?

As a research group situated outside of the university, iHub Research's experiences help to shed light on scholarly infrastructures and their effects. We noted for example the need for better publishing models to ensure relevant work is openly accessible by intended audiences. For example, because iHub Research did not have the budget to cover the \$2,000 USD Article Processing Charge (APC) to make a paper "Open Access," the paper is now behind a paywall and very few will probably be able to read it. This highlights a key problem with many of the academic "for development" work both within and outside of STS: few outside of the direct scholarly community can access the works. This is part of the reason that iHub Research was always keen to publish work via our own site. However, such a portal also has its limits as it relies on organizational infrastructure that, without proper management, leadership, funding and strategy, can slowly disappear over time. This is a very important issue that must be discussed as part of the growth of critical studies of science and technology in diverse communities around the world. What publishing infrastructures may ensure greater equity of access to all scholarly outputs?

Infrastructures

iHub Research (2011 - 2017): A Critical Technology Action Research Group Within Nairobi's Flagship Tech Innovation Hub



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Kids hacker camps in Kenya: hardware hacking effectiveness in skills transfer

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2015 Article

Published in:

• Proceeding
[ICTD '15](#) Proceedings of the Seventh International Conference on Information and Communication Technologies and Development
Article No. 52

Singapore, Singapore — May 15 - 18, 2015

[ACM](#) New York, NY, USA ©2015

[table of contents](#) ISBN: 978-1-4503-3163-0 doi>[10.1145/2737856.2737873](#)

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Hardware hacking involves modifying hardware (not limited to computers) to expand its capabilities. The iHub Kids Hacker Camps (KHC) have been run successively for over 17 months. KHC was initiated and developed in the spirit of project based learning to encourage kids and young teens to work collaboratively in teams to complete projects using heuristic hardware tools. 5 camps have been held since the program began with 102 kids and 48 trainers having attended. With an average of ~23% of our registered participants having attended more than one camp, we fine-tuned the development the KHC Curriculum to the needs of this specific category of participants. Key findings from running the camps highlight the importance of keeping the curriculum simplified for both educators and students, the benefits of incorporating peer learning techniques and pedagogies as well as

Okune, Angela, Philip Ochola Mak'Anyengo, Sylvester Wachira Ndaiga, Sidney Ochieng, Rhoda Omenya, Chris Orwa, Nanjira Sambuli, and Varyanne Sika. 2018. "Infrastructures." In iHub Research (2011-2017), created by Angela Okune, Philip Ochola Mak'Anyengo, Sylvester Wachira Ndaiga, Sidney Ochieng, Rhoda Omenya, Chris Orwa, Nanjira Sambuli, and Varyanne Sika. In STS Across Borders Gallery Exhibit, curated by Aalok Khandekar and Kim Fortun. Annual Meeting of the Society for Social Studies of Science. Aug 30-31.
<http://www.stsinfrastructures.org>.



Annual Meeting of the Society for Social Studies of Science

Sydney, Australia | 30-31 August, 2018

<http://www.stsinfrastructures.org>