Akraino Africa Community Lab (Approved)

Stephen Ozoigbo Rebecca Ringhof

Previous Events

09/15/2021 Akraino IoT Area Webinar / Regional Developer Meetup - Africa

Videos

Akraino Webinar : IoT Opportunities in Africa

This webinar provides an overview of leading use cases of Edge computing systems and applications in Africa with a focus on V2X, IoT and Enterprise Edge solutions. With key presentations from leading African infrastructure stakeholders, the webinar will provide a unique opportunity to gain unique insights on current infrastructure solutions across the African continent as well as specific technology approaches for the fastest growing industry verticals. Speakers and presenters also provided detailed coverage of topics related to the current state of Edge computing on the African continent.

Downstream Labs

Downstream Lab 1 Proposal: Cortex Hub
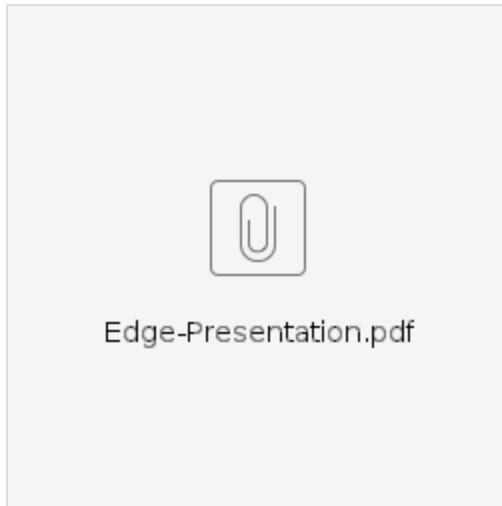
Stephen Ozoigbo

Our Selected Partner Organization will be the Cortex Hub . This is the current home of Arm's Ecosystem Lab and it includes a Bare Metal lab as well.

Website – www.thecortexhub.africa

About the Cortex Hub

The Cortex Hub is a non-profit technology incubator that is focused on supporting technology development in the Eastern Cape region of South Africa. The Hub has been a center for innovative startups since 2014, supporting startups with technology resources and catalyzing the creation of market-ready solutions with social impact. We have successfully incubated and accelerated multiple startups over the years, and we believe that entrepreneurship and skill development are the core pillars of economic growth. The Hub currently has several internal labs that satisfy a variety of ecosystem innovation and testing needs including our Bare Metal Lab, Robotics Lab, Electronics Hardware Lab and Automotive Ethernet Lab.

- The organization must be a technical organization, with emphasis on open-source software and hardware **(YES)**
- The organization must be engaged in sufficient marketing and promotional efforts, including online and social media. The organization must be able to incorporate Akraino web links, material, and blueprint documentation in substantial, appropriate, and prominent manner **(YES)**
- The organization may be associated with academic institutions **(YES)**
- The organization may have sponsor companies **(YES) – In addition to Arm, the local Sponsor company for the Akraino community within the Hub will be Inq. (ppt attached)**

Edge-Presentation.pdf

- The organization must demonstrate support, or an acceptable plan of support, for a range of CPU types, including but not limited to x86, Arm, RISC, SoC (e.g. FPGA with CPU cores) – **(YES)**
- The organization may provide working area(s), including WiFi or other Internet capable of online video/audio collaboration. Server and other development hardware resources are preferred but not required **(YES)**