

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

The Linux Foundation Akraino community will conduct a workshop on Wednesday, September 15 (Local time, GMT+2) online.

**Registration Link:** [https://zoom.us/join/join?secret=JtceGvqDouGd1ToS3OyzaVb\\_Sb16eDDPZz](https://zoom.us/join/join?secret=JtceGvqDouGd1ToS3OyzaVb_Sb16eDDPZz)

On September 15, 2021 (9.00am -2.00PM PST) the Akraino community will participate in a partner event online.

Launched in 2018, and now part of the LF Edge umbrella, Akraino is creating an open-source software stack that supports a high-availability cloud stack optimized for edge computing systems and applications. Designed to improve the state of edge cloud infrastructure for enterprise edge, OTT edge, and carrier edge networks, it offers users new levels of flexibility to scale edge cloud services quickly, to maximize the applications and functions supported at the edge, and to help ensure the reliability of systems that must be up at all times. The Akraino Edge Stack blueprints use several upstream open-source projects such as ORAN Alliance, CNCF, Openstack, ONF, ONAP, TIP and the community works with open-source communities to enhance any missing edge functionality.

This workshop will provide 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, this workshop 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. In addition to providing detailed coverage of topics related to the current state of Edge computing on the African continent, there will be an opportunity for peer networking to connect with fellow professionals and expert industry practitioners.



There is no cost to attend the event and we encourage everyone interested in edge computing infrastructure and related opportunities in Africa to attend.

## Agenda:

**Workshop, Wednesday, 15 Sep 2021 9.00am - 2.00 p.m PST**

**Location:** Zoom link will be emailed to you after you register

**Registration Link:** [https://zoom.us/join/join?secret=JtceGvqDouGd1ToS3OyzaVb\\_Sb16eDDPZz](https://zoom.us/join/join?secret=JtceGvqDouGd1ToS3OyzaVb_Sb16eDDPZz)

Time (PST)	Topics
9:30 - 9:45 AM	  <b>Welcome Remarks</b> - Tina Tsou, TSC-Chair, Akraino <b>Introduction to Akraino</b> - Ike Alisson, Akraino Documentation Sub-committee TSC Chair <b>Bio:</b> Tina Tsou is an Enterprise Architect at Arm, where she is responsible for designing and implementing robust strategies to establish first tier status for Arm architecture within open-source communities and projects. In this role, Tina employs a comprehensive knowledge of relevant NFV /SDN collaborative open-source initiatives, open-source development tools, processes, build systems, packaging, continuous integration, and test methodologies. Recognized as a thought leader, she forges powerful partnerships with open-source communities in support of multiple architectures, while prioritizing requirements for open-source enablement in collaboration with Arm key stakeholders and relevant ecosystem partners. Tina also drives and empowers Arm's Edge Computing Team.  Ike Alisson has competence and experience from E2E Cellular Network Systems and Mobile Internet Platform Sales, New Account Management, Deployment of New /Pioneering Technologies/ Platforms, Strategic Partnerships, Solution Management of New Services running on 5G (SBA & NSA/LTE), CIoT with ETSI SAREF, IIoT, Global Standard oneM2M IoT SL (Service Layer) Platform with ETSI SAREF and SmartM2M, ETSI MEC, TM Forum ODA (Open Digital Architecture), AI/ML on the Edge Services, Digital Twin/Cybertwin.



Ike Alisson Intro...15 2021 Rev A.pdf

9:45 -  
10:00  
AM



**Speaker:** Stephen Ozoigbo, Arm

**Title of Talk:** (E<sup>3</sup>)NGAGE - Arm's Africa Engagement

**Bio:** Stephen Ozoigbo is a Senior Director, Emerging Economies at Arm. He leads regional strategies around business development, technology, and ecosystem engagement activities across Arm's multiple lines of business in South America and Africa. He also supports Arm's Sustainability strategies across industry and partner networks, including government, education, and impact stakeholders within the emerging digital economies.

10:05 -  
10:25  
AM



**Speaker:** Andile Ngcaba, Inq.

**Title of Talk:** EDGE Technologies in Africa

**Bio:** Dr. Andile Ngcaba is the Executive Chairman of Inq. and the Chairman of Convergence Partners. Inq. is a Pan African digital solutions provider that delivers business-relevant services in Edge AI, SDN/NFV, Cloud Based Solutions and Intelligent Connectivity.

10:30 -  
10:50  
AM



**Speaker:** Erik Hersman, BRCK

**Title of Talk:** Rugged Internet of Things

**Bio:** Erik Hersman is the CEO of BRCK Inc., the first integrated hardware and software services company out of East Africa, which focuses on internet connectivity across the region. He leads a team that has built the largest public Wi-Fi network in Africa covering 2 million people across Kenya and Rwanda called Moja. Erik has also created one of the first IoT hardware solutions in Africa and has built out extensive relationships with Facebook, Internet Solutions and more.

10:  
55 -  
11:15  
AM



**Speakers:** Bart Renka, Arm & Stephen Ozoigbo, Arm

**Title of Talk:** Fireside Chat - V2X Opportunities in Emerging Markets: Leveraging the Arm Ecosystem

**Bio:** Bart Renka is the Automotive Account Director EMEA of Arm's IP Products Group (IPG). Bart joined Arm in January 2020 and is managing the business relationship with Car manufacturers in the EMEA region. Before joining Arm, Bart was working at u-blox as Global Account Manager Automotive covering the whole product range from V2x, GNSS, Cellular Connectivity, WiFi to Bluetooth.

11:20 -  
11:50  
AM

Tea / Coffee Break

11:55 -  
12:15  
PM



**Speaker:** Olivier Bernard, Arm

**Title of Talk:** Unlocking the Edge's Potential with Project Cassini

**Bio:** Olivier Bernard is currently the Director of High-Performance IoT at Arm, responsible for identifying and building IoT opportunities for OEM and ODMs through ecosystem development, use case concepts and strategic partnerships across the IoT value chain. Prior to joining Arm, he was the Executive Vice-President for Maestro Wireless, a Hong Kong based IoT start-up where he founded their American subsidiary. Before 2008, he held various leadership positions with a few start-ups, and additional management positions in Business Development, Strategy and Engineering for CEL (Renesas), Litton Industries and California Amplifier.

12:20 -  
12:35  
PM



**Speaker:** [khemendra kumar](#), Huawei

**Title of Talk:** Enterprise Edge Lightweight and IOT (ELIOT) Blueprint

**Bio:** Khemendra Kumar has 11+ years of experience in embedded, networking, SDN and Cloud/Edge computing. He worked in [FD.io](#) and DPDK community for VPP performance optimization, porting on multiple platforms, lightweight Host stacks like DMM with LWIP etc. Currently he is active in Akraino community to build lightweight Edge stack ELIOT for resource constraints devices. In Akraino, he is Project Team Lead (PTL) for Enterprise Edge Lightweight and IOT (ELIOT) Blueprint and is a Akraino Technical Steering Committee (TSC) member.

12:40 -  
12:55  
PM



**Speaker:** Li Mingxuan, China Unicom

**Title of Talk:** EdgeFaaS for Open Edge Scenarios

**Bio:** Li Mingxuan is a Senior member of IEEE, senior member of Chinese Institute of Electronics, and a Senior Engineer of the China Unicom Research Institute. In this role, he is engaged in technology research and development and standard tracking work. His main research directions are big data technology, cloud computing technology, business platform technology and IT support system technology.



EdgeFaaS Collabo...s - English2.pdf

1:00 -  
1:20  
PM



**Speaker:** Dr. Hideyuki Saso, Tokyo Institute of Technology

**Title of Talk:** Introduction of the Cross-ministerial Strategic Innovation Promotion Program (SIP)

**Bio:** Dr. Saso joined Fujitsu in 1976. He became Corporate Senior Vice President in 2009 and was promoted to Corporate Executive Vice President in 2010, in charge of Fujitsu's ICT Business. He then was nominated as Corporate Senior Executive Vice President and Representative Director, CTO & CMO in 2012. After that, he took office as Chairman and Representative Director, Fujitsu Laboratories Ltd. in 2016. He has also been serving as Program Director in Intelligent Knowledge Processing Infrastructure, integrating Physical and Virtual Domains, Japanese Government Public R&D Investment Expansion Program, Cabinet Office from 2017. He has also served as Chairman of the Japan MOT Society and Chairman of the Japan Institute of Electronic Packaging. From 2021 he started new career as and is now a specially appointed professor at Tokyo Institute of Technology.

1:20 -  
1:35  
PM

Closing Remarks - [Tina Tsou](#)



IoT Area in Akra...o - 20210915.pdf