

09/22/2021 - 09/24/2021 Akraino Technical Meetings - Fall

VIRTUAL SCHEDULE AT-A-GLANCE

WEDNESDAY, SEPTEMBER 22 (North America time zone friendly)

09:00 – 10:30 PDT (UTC-7) 12:00 – 13:30 EDT (UTC-4) 18:00 – 19:30 CEST (UTC+2) 00:00 – 01:30 CST (UTC+8) (<i>Thursday</i>)	Keynote Sessions
10:30 – 10:45 PDT (UTC-7) 13:30 – 13:45 EDT (UTC-4) 19:30 – 19:45 CEST (UTC+2) 01:30 – 01:45 CST (UTC+8) (<i>Thursday</i>)	Break
10:45 – 12:00 PDT (UTC-7) 13:45 – 15:00 EDT (UTC-4) 19:45 – 21:00 CEST (UTC+2) 01:45 – 03:00 CST (UTC+8) (<i>Thursday</i>)	Keynote Sessions Resume

THURSDAY, SEPTEMBER 23 (APAC time zone friendly)

18:00 – 19:30 PDT (UTC-7) 21:00 – 22:30 EDT (UTC-4) 03:00 – 04:30 CEST (UTC+2) (<i>Friday</i>) 09:00 – 10:30 CST (UTC+8) (<i>Friday</i>)	Keynote Sessions
19:30 – 19:45 PDT (UTC-7) 22:30 – 22:45 EDT (UTC-4) 04:30 – 04:45 CEST (UTC+2) (<i>Friday</i>) 10:30 – 10:45 CST (UTC+8) (<i>Friday</i>)	Break
19:45 – 21:00 PDT (UTC-7) 22:45 – 24:00 EDT (UTC-4) 04:45 – 06:00 CEST (UTC+2) (<i>Friday</i>) 10:45 – 12:00 CST (UTC+8) (<i>Friday</i>)	Keynote Sessions Resume

FRIDAY, SEPTEMBER 24 (EMEA time zone friendly)

07:00 – 08:30 PDT (UTC-7) 10:00 – 11:30 EDT (UTC-4) 16:00 – 17:30 CEST (UTC+2) 22:00 – 23:30 CST (UTC+8)	Keynote Sessions
08:30 – 08:45 PDT (UTC-7) 11:30 – 11:45 EDT (UTC-4) 17:30 – 17:45 CEST (UTC+2) 23:30 – 23:45 CST (UTC+8)	Break
08:45 – 10:00 PDT (UTC-7) 11:45 – 13:00 EDT (UTC-4) 17:45 – 19:00 CEST (UTC+1) 23:45 – 01:00 CST (UTC+8) (<i>Saturday</i>)	Keynote Sessions Resume

TIME ZONE KEY

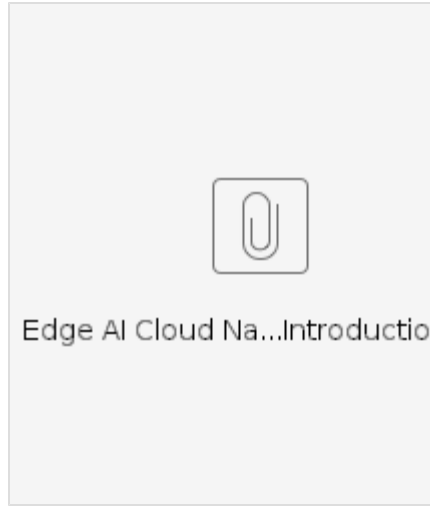
PST (UTC-8)	Pacific Standard Time <i>North America</i>
EST (UTC-5)	Eastern Standard Time <i>North America, Caribbean, Central America</i>
CET (UTC+1)	Central European Time <i>Europe, Africa</i>
CST (UTC+8)	China Standard Time <i>Asia</i>

Thursday, 23 Sep 2021

Meeting Location: Zoom: <https://zoom.us/j/96204631964?pwd=RGZBZmdoUnhadjkdSUJZekxHMnVpUT09>

Meeting Recording - Day 2: https://zoom.us/rec/share/ebe8WfCM8LcOasRr8GR_I0hwUVcpl4-pNxgwBClnLe87E_VRIe-lvXmcGnPGnM70.8oUQ8K8g7gzm3tuu?startTime=1632444412000

Time Zone: All times below are US Pacific Time Zone

Time	Topics
6:15 pm - 6:30 pm	Edge AI Cloud Native Brief Introduction Wang Ye (Wang Ye), Baidu 
6:30 pm - 6:40 pm	IoT/edge social implementation example Fukano Haruhisa , Yamada Kenji, Fujitsu 

Summary

> Agenda:- R6 planning, 2021 priorities for the community, labs, developer sync-up
> Dates: September 22nd to 24th, 2021

> All the time mentioned here is PT, California time.

> Speakers please upload the presentation before the meeting starts.

> Akraino [PowerPoint/Google Slides Template](#)

Meeting Agenda Lead: Tina Tsou, Akraino TSC Chair

Please submit any questions about this event to tsc@lists.akraino.org in the #akraino channel on <https://slack.lfedge.org/>

Meeting Recordings

- Day 1: TBD [Kendall Perez](#)
- Day 2: TBD
- Day 3: TBD [Kendall Perez](#)

Dates and Location:

22 Sep 2021 To 24 Sep 2021

Draft Agenda:

Wednesday, 22 Sep 2021

Meeting Location: Zoom: <https://zoom.us/j/96204631964?pwd=RGZBZmdoUnhadjdkSUJZekxHMnVpUT09>

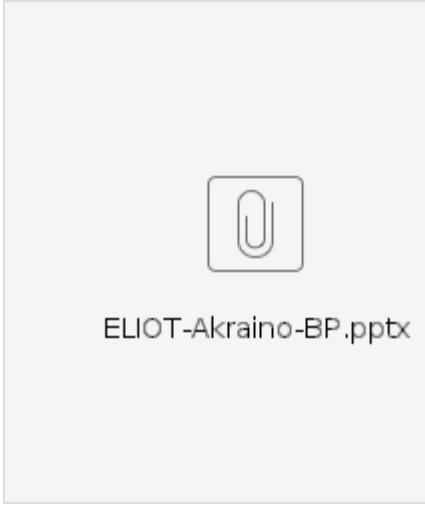
Meeting Recording - Day 1:

- https://zoom.us/rec/share/Acvgao3ct5eQLqK4c3iBeTU6ZD77q4n0H-YXOH0YI9X5v6d5A6VBzE25gTUBbuDN.9aWuBvyCCclRS_Bv?startTime=1632326374000

T i m e	Topics
9:00 am - 9:10 am	Open Source Networking, Edge, and Access - Arpit Joshipura, Linux Foundation  LF Edge-Akraino...e Sept 2021.pdf

7:00 pm - 8:00 pm	Introduction to EdgeGallery & demonstration - K...  EdgeGallery Dem... Tech Ever
8:00 pm - 8:15 pm	Break
8:15 pm - 8:30 pm	5G Edge Computing Exploration and Practice fr  5G Edge Comput...om Tencer
8:30 pm - 8:45 pm	ICN - Kuralamudhan Ramakrishnan , Intel  Intel-ICN.pdf

9:10 am - 9:40 am	Title: "Emerging Use Cases at the Edge". Abstract: We'll provide an overview of Dell's edge areas of focus, discuss the intersection of AI and the edge, and discuss some use cases that apply. Speakers: Ken Durazoo, Trevor Conn, Eric Bruno, DellEMC
9:40 am - 10:05 am	Platform Security Architecture Daniil Egranov Randy Stricklin @ Eugene Yarmosh  Akraino_Platform...l_Conf_v1.0.pptx
10:05 am - 11:05 am	Public Cloud Edge Interface Blueprint Rel 5 Update and Demo Oleg Berzin  PCEI Release 5 Update.pptx

8:45 pm - 9:00 pm	ICN - Multi-tenant Secure Cloud Native Platform  R5 ICN MTSCN Presentation Multi-Tenant Secure Cloud Native Platform
9:00 pm - 9:15 pm	Enterprise Applications on Lightweight 5G Telco Gaurav Agrawal  Akraino Release... - EALTEdge
9:15 pm - 9:30 pm	ELIOT khemendra kumar  ELIOT-Akraino-BP.pptx

1 1: 0 5 a m - 1: 3 5 am	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, uses 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.
1 1: 3 5 a m - 1: 4 5 am	Welcome note – Tina Tsou , TSC Chair Oleg Berzin , TSC Co-Chair  Welcome Notes.pdf
1 1: 4 5 a m - 1: 5 0 a m	Logistics – Tina Tsou
1 1: 5 0 a m - 1: 2: 0 0 pm	Akraino Release 5 Celebration 

Friday, 24 Sep 2021

Meeting Location: Zoom: <https://zoom.us/j/96204631964?pwd=RGZBZmdoUnhadjdkSUJZekxHMnVpUT09>

Meeting Recording - Day 3:

- <https://zoom.us/rec/share/5901qej15W-aCyjWVTOL-MzNvc5rPEXBaxE-izuBEEdInZMjqOtKzuJcablyrYCPW.sLPTc8IDFWYtd3r?startTime=1632496491000>

Time Zone: All times below are US Pacific Time Zone

Time	Topics
7:00 am - 7:30 am	From car-native to cloud-native ▪ SOAFEE - the Scalable Open Architecture For Embedded Edge Matt Spencer, Arm  Akrano - SOAFEE intro.pdf
7:30 am - 7:50 pm	Cloud Native Automation - Opensource Gaps Kandan Kathirvel , Google
7:50 am - 8:05 am	TSC Members Sharing Technical Steering Committee (TSC) 2021-2022



8:05
am -
8:25
am

Getting Telecommunications Workloads Ready for the Edge:
[CNF WG](#) and [CNF Test Suite](#) Introduction

@Bill Mulligan , CNCF
Taylor Carpenter, Vulk Coop



Getting Telecom...ntroduction.pdf

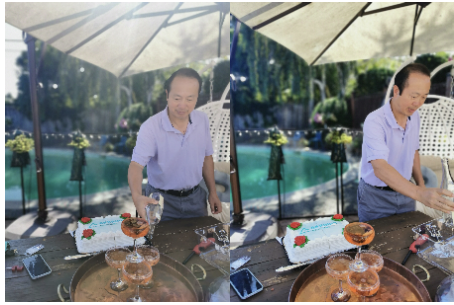
8:25
am -
8:45
am

Title: K3s General Overview
Speaker: Manuel Buil, Senior Specialist for NFV & SDN at SUSE

Abstract: K3s is one of the most popular Kubernetes distributions available. Praised for its simplicity and lightweight blueprint, it suits very well use cases around edge. In this talk we will give an overview of its architecture and give a glimpse of our future plans, focusing on the networking part



K3s General Overview.pdf



8:45
am -
9:00
am

Title: GSMA OP and how to implement it with open source solutions ---Thoughts and choices of China Unicom

[Gao Chen](#), China Unicom



LF Akraino 2021 ...21-09 - v1.0.pdf

9:00
am -
9:15
am

Tencent Practice: Cloud and Edge [Bart Dong](#), Tencent



Tencent Practice...eeting Fall.pptx

9:15
am -
9:30
am

Break

9:30
am -
10:
00
am

Sub-Committee Chair Plans

- [CI, Blueprint Validation Lab](#) sub-committee
- API Sub-committee
- Community Sub-committee
- Documentation Sub-committee
- Process, Project review
- Security Sub-committee – Daniil Egranov, Arm



akraino_fall_202...ubcommittee.pptx

- Upstream Sub-committee

10:
00
am -
10:
15
am

Akraino Community Accomplishments - [Tina Tsou Oleg Berzin](#)



Akraino Commun...plishments.pdf

10:15 am - 10:35 am

LF Edge TAC Update - [Jim St. Leger](#)



2021 Sept 24 - L...no Tech vFTF.pdf

10:35 am - 11:15 am

Ericsson presentation on **Mobile Edge Computing/Cloud (MEC) Architecture and Cross-border/-MNO Handover Architecture and Trial Results** by Maciej Muehleisen, Master Researcher - Industry Verticals Coordination at Ericsson



Ericsson 5GCroCo...s April 2021.pdf



Ericsson 5G Cro...& June 2021.pdf

11:15 am - 11:35 am

Multiarchitectural Kubernetes clusters (EKS)



Multi Architectur...etes clusters.pdf

Reza Ramezanzpour, [Tigera.io](https://tigera.io)

11:35 am -

[MEC-based Stable Topology Prediction for Vehicular Networks](#)

[Asif Mehmood](#)

11:50 am



2021-09-24 Presentation.pdf