

Application: ONE21-0000000288

Seshu Kumar Mudiganti - seshu.kumar.m@huawei.com
ONE Summit + Kubernetes on Edge Day 2021

Submit a ONE Summit + Kubernetes on Edge Day 2021 Proposal

Completed - Jun 19 2021

ONE Summit + Kubernetes on Edge Day 2021 CFP Form



Are you both the submitter and the primary speaker?

Yes

Primary Speaker Information

Note: Please enter the primary speaker's information below. You will be able to enter information for additional speakers in another section of the form.

Primary Speaker Full Name:*	Seshu Kumar Mudiganti
Primary Speaker Company:*	Huawei Technologies India Pvt. Ltd.,
Primary Speaker Job Title:*	Lead Architect
Primary Speaker Email:*	seshu.kumar.m@huawei.com
Primary Speaker Country of Residence:*	India
Primary Speaker Time Zone:*	IST
Primary Speaker Biography (provide a biography)	Seshu is a Lead Architect at Huawei Technologies, India Pvt. Ltd.

that includes your employer (if any), ongoing projects and your previous speaking experience).*

He is also the member of the Technical Steering Committee for the ONAP and XGVela projects and member of the LFN Marketing Advisory Council. Seshu is a hands -on technical Architect and developer building E2E solutions, architecture, design and implementation for various in house and open source projects alike. As one of the key contributors for the ONAP and XGVela, he Strives to build an overall solution with the user centric designs. He is known for his capabilities in handling global teams across time zones and binging back value to the stake holders with his technical knowledge of networking and programming. Seshu has been a speaker at various forums across the globe, on various topics, including NFV, Orchestration, 5G, Slicing, SDN, PaaS, K8s, ETSi, Cloud native... and been a guest lecturer to various reputed universities and colleges. An ardent freestyle dancer, Seshu has performed on multiple stage shows and is ever ready to swing for any beat.

ETSi NFV evolution event

April, 21

ONAP ETSI-Alignment Architecture for Honolulu & Istanbul Releases

<https://www.telecomtv.com/content/etsi-nfvevolution-event/onap-etsi-alignment-architecturefor-honolulu-istanbul-releases-41269/>

Open Infrastructure Foundation

Oct, 20

E2E 5G network slicing in ONAP

<https://www.youtube.com/watch?v=9WXrbMswWNI>

ONES NA

April, 20

Panel Discussion - ONAP and Cloud Native - The Best of the Two Worlds

<https://www.youtube.com/watch?v=x93rubIRSYM>

ONES EU

Sept, 19

Extendable Workflow for ONAP Service Orchestrator

<https://onseu19.sched.com/event/SYuR/extendable-workflow-for-onap-service-orchestrator-seshukumar-mudiganti-huawei-technologies-alexis-detalhouet-bell-canada>

LFN Projects Intro
Service Orchestrator intro
<https://www.youtube.com/watch?v=oaCRyD-ewCY>

Primary Speaker Twitter Handle:

(No response)

Primary Speaker LinkedIn Profile

<https://www.linkedin.com/in/seshu-kumar-mudiganti-74570623/>

The Linux Foundation is committed to a diverse and inclusive community. The following questions (which are optional) are asked in an effort to track our progress in increasing diversity at events and will remain confidential.

What gender does the primary speaker identify with?

Man

Does the primary speaker identify as a person of color?

Yes

Which racial/ethnic background(s) does the primary speaker identify with?

(check all that apply)

Responses Selected:

Prefer not to answer

If the primary speaker identifies with any other underrepresented group (dis/ability, LGBTQ, etc.) please indicate below.

(No response)

Additional Speaker or Panelists

Note: Each session is allowed (1) primary speaker and (1) co-speaker. The primary speaker for a proposal will receive a complimentary conference pass and the co-speaker will receive a discounted conference pass.

All submissions with more than 2 speakers are considered panels and should be submitted as a panel discussion. Note that we do not allow panels with only men.

For panel discussions, all panelists will receive a complimentary conference pass; there is a maximum of 4 panelists & 1 moderator.

Is this a panel discussion?

No

Is there a co-speaker?

Yes

Co-Speaker

Co-Speaker Full Name:*	Sandeep Karkala
Co-Speaker Company:*	Mavenir
Co-Speaker Job Title:*	VP, Platform Engineering

Co-Speaker Email:*	Sandeep.karkala@mavenir.com
Co-Speaker Country of Residence:*	India
Co-speaker Time Zone:	IST
Co-speaker Biography:*	<p>Sandeep Karkala is VP, Platform Engineering at Mavenir. He also serves as the Co-Chair of the TSC for XGVela.</p> <p>Sandeep has about 20+ years experience in IT and Telecommunications industry. He has lead architecture, planning, and engineering teams working on Element/Network Management Systems, NFV MANO and Cloud-native Network Functions & Platforms.</p> <p>In his current role as Vice President of Platform Engineering, he is leading the architecture and engineering of Mavenir's Cloud-native platform. At Mavenir he has envisioned and realised Telco PaaS layer for CNF's, which is a platform and common set of shared services supporting multiple CNF's.</p> <p>Mavenir's Telco PaaS is currently open sourced under LFN XGVela.</p> <p>Sandeep holds MS in Computer Science and Mathematics from Tohoku University, Japan.</p> <p>Talks he delivered in this year:</p> <p>LFN DTF Jun 2021: XGVela: Ask Me Anything (AMA) https://wiki.lfnetworking.org/pages/viewpage.action?pageId=56066838</p> <p>XGVela: Information Model and APIs https://wiki.lfnetworking.org/display/LN/2021-06-10+-+XGVela%3A+Information+Model+and+APIs</p> <p>LFN DTF Feb 2021: XGVela: Seed Code Design Walkthrough https://wiki.lfnetworking.org/display/LN/2021-02-03+-+XGVela%3A+Seed+Code+Design+Walk+Through</p>

Co-speaker Twitter Handle:	(No response)
Co-speaker LinkedIn Profile:	https://www.linkedin.com/in/sandeepkarkala/

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Man

Does the co-speaker identify as a person of color?

Yes

Which racial/ethnic background(s) does the co-speaker identify with?

(check all that apply)

Responses Selected:

Prefer not to answer

If the co-speaker identifies with any other underrepresented group (dis/ability, LGBTQ, etc.) please indicate below.

(No response)



Submission Details

Select a Core Topic*

Please choose the topic that you think your submission is best suited for. Please only submit to one topic. The entire program committee will review all submissions, and talks may be moved to different topics.

Cloud Networking & Edge

Type of Submission*

Session Presentation (typically 30-40 minutes in length)

Audience Type*

Developers

Audience Experience Level *

Intermediate

Abstract Title*

If your talk is selected, the Abstract Title you choose will be the Title shown in the conference schedule; often what attendees use as a starting point to determine if they will be interested in the talk. Choose your title carefully - make sure that it accurately describes what your talk will cover.

Everything about XGVela, the telco cloud native PaaS platform

Abstract *

Provide an abstract that briefly summarizes your proposal. Provide as much information as possible about what the content will include. Do not be vague.

This is the description that will be posted on the website schedule if your talk is selected, so be sure to spell check, use complete sentences (and not just bullet points), and write in the third person (use your name instead of "I").

Nowadays, operator's network cloud is evolving towards cloud native. With the widespread use of cloud native technologies such as container, microservice, DevOps, operators have realized a "platform" service with cloud native features can help them achieve simplified application development, smooth production delivery and agile maintenance. The "platform" services, containing a pre-defined comprehensive set of capabilities provided by PaaS, are now becoming the key to achieve network cloud native transformation.

XGVela, as an open-source project in LFN, is researching on telco cloud native PaaS platform. Its role is to provide necessary special Telco PaaS capabilities for CNFs, and bridge the gaps between General PaaS software from CNCF and CNF requirements.

In this session, speakers will introduce everything the community needs to know about XGVela , which includes overview, architecture, scope, roadmap, seed code condition, cross-community collaboration etc., and show the community a possible cloud native evolution plan of Telecoms network cloud.

A demo about XGVela seed code usage will be provided, with the floor open to questions from the audience about the topic.

Audience*

Describe who the audience is and what you expect them to gain from your presentation.

This session tries to give the audience in Knowing the What, Why, When, Who and How of XGvela. Its beneficial to the Network developers, designers and architects. Network DevOps professionals, System integrators, Analysts, CNF developers and product managers.

Anyone with the interest in PaaS over k8s.

This discussion will provide an opportunity for discussion about where the industry really is in the PaaS journey, and where it is going.

Have you or anyone else given this presentation before?

No

These events are currently being planned as in-person events in Los Angeles, CA from October 11-12. Please select the option that best fits how you'd anticipate participating if chosen to speak.

Responses Selected:

I plan to speak in-person if travel and state/country guidelines allow

If your session is accepted, would you be open to our PR team contacting you about speaking with media and press onsite?

Responses Selected:

Yes



Additional Details & Speaker Agreements

The Program Committee reviews many proposals, and having extra resources helps to gauge the speaker's expertise and ability to deliver a talk effectively.

Please share a video or audio recording of a previous talk you've given. If you don't have a previous talk recording to submit simply create a quick YouTube video of yourself speaking for a couple of minutes.

	Type of Resource	Details, Links, Etc.
Resource 1	Seshu speaking at ONES NA	https://www.youtube.com/watch?v=x93rublRSYM
Resource 2	Sandeep and Seshu speaking at the LFN DTF June 2021	https://wiki.lfnetworking.org/display/LN/2021-06-10+-+XGVela%3A+Information+Model+and+APIs https://wiki.lfnetworking.org/pages/viewpage.action?pageId=56066838
Resource 3	Seshu speaking at Open Infra Summit	https://www.youtube.com/watch?v=9WXrbMswWNI

Travel Funding

Do you require travel funding?

Selecting yes does not qualify as a request for funding, and it does not negatively affect the status of your proposal submission. If you select that you need travel funding, we will follow up with additional details on how to apply.

No

Code of Conduct

I agree to abide by the Linux Foundation Code of Conduct *

Slide Deadline Agreement

I agree to submit my slides no later than 5 days before the event *