

Application: ONE21-0000000244

Qihui Zhao - zhaoqihui@chinamobile.com
ONE Summit + Kubernetes on Edge Day 2021

Summary

ID: ONE21-0000000244
Status: Under Review
Last submitted: Jun 18 2021 03:35 PM (CST)

Submit a ONE Summit + Kubernetes on Edge Day 2021 Proposal

Completed - Jun 18 2021

ONE Summit + Kubernetes on Edge Day 2021 CFP Form



Are you both the submitter and the primary speaker?

No

Submitter Information

Submitter Full Name:*	Qihui Zhao
Submitter Company:*	China Mobile
Submitter Job Title:*	project manager
Submitter Email:*	zhaoqihui@chinamobile.com

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:*	Xuxia Zhong
Primary Speaker Company:*	China Mobile
Primary Speaker Job Title:*	Project Manager
Primary Speaker Email:*	13683121315@163.com
Primary Speaker Country of Residence:*	China
Primary Speaker Time Zone:*	UTC+8
Primary Speaker Biography (provide a biography that includes your employer (if any), ongoing projects and your previous speaking experience).*	Xuxia Zhong is currently a researcher in China Mobie. She received the PhD candidate at Beijing University of Posts and Telecommunications. Her research interest mainly focuses on the management of future network, network function virtualization (NFV), cloud-native network design.
Primary Speaker Twitter Handle:	(No response)
Primary Speaker LinkedIn Profile	(No response)

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?

Woman

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:

Asian

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:*	Qihui Zhao
Co-Speaker Company:*	China Mobile
Co-Speaker Job Title:*	Project Manager
Co-Speaker Email:*	zhaogihui@chinamobile.com
Co-Speaker Country of Residence:*	China
Co-speaker Time Zone:	UTC+8
Co-speaker Biography:*	Qihui is a project manager at China Mobile Research Institute. She was a member of NovoNet project which drives NFV/SDN strategy for China Mobile, and are now working on cloud native evolution of CMCC's network cloud. She is the TSC member of XGVela project, and has been active speaker at OpenStack summit, ONES, Kubecon.
Co-speaker Twitter Handle:	(No response)
Co-speaker LinkedIn Profile:	(No response)

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Woman

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:

Asian

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*

Architects

Audience Experience Level *

Any

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.

Lessons learned from cloud native design of network functions

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").

The virtual machines-based network cloud has basically taken shape. Global operators are evolving to cloud native in many aspects such as technical solutions and management processes. Cloud-native and microservices are important to achieve a cloud-native network cloud.

Recently, China Mobile has been working with vendors to design the cloud-native 5G core network. We combine the Cloud-native Network Functions (CNF) with PaaS platform, and studying the requirements of telecom services and system architecture. Based on the open source code of XGVela and open source projects of CNCF, we try to verify the role of the PaaS platform in the CNF life cycle management.

In this session, Xuxia and Qihui will introduce the details of China Mobile's 5GC cloud-native design and PaaS prototype verification project, show how to use XGVela code in a telecom cloud-native network.

Audience*

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

1. Telco operators, vendors, cloud providers and anyone who is interested in telco cloud native transformation
2. Audience can have a detailed look at an example of cloud native network function design and PaaS usage.

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:

Maybe - please follow-up with me closer to the event



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		
Resource 2		
Resource 3		

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 *