LinuxCon + ContainerCon + CloudOpen China 2018

| A | AI & Deep Learning | W | Alibaba Workshops | B | Baidu Workshops | 1 | Blockchain | F | BoF |

A AI & Deep Learning **W** Alibaba Workshops **B** Baidu Workshops **1** Blockchain **F** BoF

R Breaks & Meals **C** Cloud Native & Serverless & Microservices **P** Compliance

E Emerging Technologies & Wildcard **V** Event Experiences **X** Executive Leadership Forum

H Huawei Workshops **I** Infrastructure & Automation **2** IoT & M2M **K** Keynote **2** KVM

L Linux Systems **M** Microsoft Workshops **N** Networking & Orchestration **O** Office Hours

D Open Source Leadership **3** OpenChain Workshop **S** Sponsor Showcase Hours **G** Strategy & Governance

T Tencent Workshops

JUNE 25 • MONDAY

07:30 – 09:00	R	**Breakfast**	4F Foyer
07:30 – 17:30	R	**Registration**	Main Lobby B
08:00 – 12:00	3	**OpenChain Workshop (Registration Required)**	202B
09:00 – 09:25	K	**Keynote: Welcome & Opening Remarks - Jim Zemlin, Executive Director, The Linux Foundation** *Speakers: Jim Zemlin*	Plenary Hall B
09:30 – 10:10	K	**Keynote: Linus Torvalds, Creator of Linux & Git, in conversation with Dirk Hohndel, VP & Chief Open Source Officer, VMware** *Speakers: Dirk Hohndel, Linus Torvalds*	Plenary Hall B
10:15 – 10:30	K	**Keynote: Open Source at Huawei Cloud - Dr. Zhexuan Song, Chief Strategy Officer, Cloud Business Unit, Huawei Technologies** *Speakers: Dr. Zhexuan Song*	Plenary Hall B
10:35 – 10:50	K	**Keynote: The Software Defined World - Imad Sousou, Corporate Vice President and General Manager, Open Source Technology Center, Intel** *Speakers: Imad Sousou*	Plenary Hall B
10:55 – 11:15	K	**Keynote: Open Source Opening Doors - Michelle Noorali, Sr. Software Engineer, Microsoft** *Speakers: Michelle Noorali*	Plenary Hall B
11:15 – 11:30	R	**Coffee Break**	4F Foyer
11:15 – 12:00	W	**Qemu Cache in virtio blk Layer - Nianqing, Alibaba**	409
11:30 – 12:10	A	**The Last Mile On Democratizing AI - Zhipeng Huang, Huawei & JF Ding, Intel** *Speakers: JF Ding, Zhipeng Huang*	311A
11:30 – 12:10	C	**Best Practice of Adopting Kubernetes on Genome Sequencing - Shengjun Tang, Huawei** *Speakers: Shengjun Tang*	309B
11:30 – 12:10	C	**Microservices, Service Mesh, and CI/CD Pipelines - Making it All Work Together - Brian Redmond, Microsoft** *Speakers: Brian Redmond*	309A

| 11:30 – 12:10 | E | **eBPF in Action - Feng Li** | 306B |
| | | *Speakers: Feng Li* | |

| 11:30 – 12:10 | 2 | **Cloud Foundry and IoT - Yang Hin, Cloud Foundry Foundation** | 307A |
| | | *Speakers: Yang Hin* | |

| 11:30 – 12:10 | 2 | **Preempt-RT Linuxkit -- Put Docker into IoT - Tiejun Chen, VMware** | 306A |
| | | *Speakers: Tiejun Chen* | |

| 11:30 – 12:10 | 2 | **Torwards a more Scalable KVM Hypervisor - Wanpeng Li, Tencent Cloud** | 203B |
| | | *Speakers: Wanpeng Li* | |

| 11:30 – 12:10 | L | **System Memory QoS Challenges - Oliver Yang, Alibaba Cloud** | 307B |
| | | *Speakers: Oliver Yang* | |

| 11:30 – 12:10 | N | **Empowering Container-Based NFV Infrastructure with VPP on Arm Architecture - Trevor Tao & Song Zhu, Arm** | 311B |
| | | *Speakers: Trevor Tao, Song Zhu* | |

| 11:30 – 12:10 | D | **The Evolution of the Open Source Software Foundation - Stephen R. Walli, Microsoft** | 310 |
| | | *Speakers: Stephen R. Walli* | |

| 12:10 – 13:20 | R | **Lunch** | Plenary Hall A |

| 12:10 – 17:20 | S | **Sponsor Showcase** | Plenary Hall A |

| 13:00 – 14:00 | O | **Office Hours: Kevin Huang, Director of Licensing, Open Invention Network** | |
| | | *Speakers: Kevin Huang* | Level 3, Parkview Foyer |

13:20 – 14:00	A	**Panel: How LFDL Driving Open Source Innovation in AI & Deep Learning in China - Moderated by Keith Chan, Linux Foundation APAC**	311A
		Moderators: Keith Chan	
		Speakers: Xiaoli Jiang, Xiangang Li, Mingjun SUN, Zhongyi Tan, Dr. Xiaolong Zhu	

| 13:20 – 14:00 | C | **All About That Base - Keeley Erhardt, Improbable** | 309B |
| | | *Speakers: Keeley Erhardt* | |

| 13:20 – 14:00 | C | **State of Serverless - Doug Davis, IBM** | 309A |
| | | *Speakers: Doug Davis* | |

| 13:20 – 14:00 | E | **Automation to Make OSS License Compliance Easier - Kate Stewart & Greg Kroah-Hartman, The Linux Foundation** | 306B |
| | | *Speakers: Greg Kroah-Hartman, Kate Stewart* | |

| 13:20 – 14:00 | 2 | **Building on Web of Things : Make Your IoT Accessible, Open and Secure using Javascript - Rabimba Karanjai, Mozilla** | 306A |
| | | *Speakers: Rabimba Karanjai* | |

| 13:20 – 14:00 | 2 | **Crypto as Service: A New All-inclusive VIRTIO-CRYPTO Acceleration Solution Based on DPDK and DPDK Cryptodev - Fan Zhang & Xin Zeng, Intel** | 203B |
| | | *Speakers: Xin Zeng, Fan Zhang* | |

| 13:20 – 14:00 | L | **The Implementations of Anti-Pages Fragmentation in Linux Kernel - Hui Zhu, HyperHQ Inc.** | 307B |
| | | *Speakers: Hui Zhu* | |

| 13:20 – 14:00 | M | **HOL: Quickly Build Your AI Solution on Azure Container Service (AKS) - Shijun Liu & Gang Wang, Microsoft** | 208B |

| 13:20 – 14:00 | D | **Complex Made Simple: The State of Governance in Open Source - Shane Martin Coughlan, The OpenChain Project** | 310 |
| | | *Speakers: Shane Coughlan* | |

13:20 – 14:00	T	**TARS: Open Source Microservice Architecture From Tencent - Zhong Ke, Tencent** *Speakers: Zhong Ke*	VIP4-3
13:20 – 14:50	I	**Introduction to Serverless Containers - Ria Bhatia, Microsoft** *Speakers: Ria Bhatia*	307A
13:20 – 14:50	N	**JStorm Based Network Analytics Platform - Biao Lyu, Alibaba Cloud** *Speakers: 彪 吕*	311B
14:00 – 14:30	W	**Apsara Kubernetes+KubeFlow - A Great Solution for Accelerating Deep Learning Experiments - Zhang Kai, Alibaba**	409
14:00 – 15:00	O	**Office Hours: Gavin Guo, Engineering Technical Lead, Canonical** *Speakers: Gavin Guo*	Level 3, Parkview Foyer
14:00 – 15:00	O	**Office Hours: Morgan Bauer, Software Engineer, IBM Corp.** *Speakers: Morgan Bauer*	Level 3, Parkview Foyer
14:00 – 15:00	O	**Office Hours: Swetha Repakula, Open Source Developer, IBM** *Speakers: Swetha Repakula*	Level 3, Parkview Foyer
14:10 – 14:50	A	**Rebuild the Spark Engine to Support Data CRUD and Stored Procedures, Replacing Traditional Enterprise Data Warehouses - Zhang Chengsong, Lenovo** *Speakers: 成松 张*	311A
14:10 – 14:50	F	**BoF: Embedded Applications with Debian - Jaminy Prabaharan** *Speakers: Jaminy Prabaharan*	307B
14:10 – 14:50	C	**Introduction to Container Security - Thomas Cameron, Red Hat** *Speakers: Thomas Cameron*	309B
14:10 – 14:50	E	**Apache OpenWhisk 101 - A Cloud-Native, Open Source, Serverless Platform Incubating at the ASF - Ying Chun (Daisy) Guo, IBM China Development Lab** *Speakers: Ying Chun (Daisy) Guo*	306B
14:10 – 14:50	2	**Retrofitting Memory Protection in the Zephyr OS - Wayne Ren & Huaqi Fang, Synopsys** *Speakers: Wayne Ren, 华启 方*	306A
14:10 – 14:50	2	**Using Docker in QEMU Testing - Fam Zheng, Red Hat** *Speakers: Fam Zheng*	203B
14:10 – 14:50	D	**Bringing an Open Source Project to The Linux Foundation - Chris Aniszczyk, Cloud Native Computing Foundation** *Speakers: Chris Aniszczyk*	310
14:10 – 14:50	T	**TARS Promoting Open Source Community - Chen Jiancong, Tencent** *Speakers: Chen Jiancong*	VIP4-3
14:30 – 15:00	W	**Serverless Kubernetes, and It's Applications - Zhang Wei, Alibaba**	409
15:00 – 15:40	A	**Introduction of Apollo - The Open Source Autonomous Driving Platform - Jie Liu, Baidu** *Speakers: 杰 刘*	311A
15:00 – 15:40	C	**Building Extensible Application Orchestration System with Helm - Deyuan Deng & Jun Zhang, Caicloud** *Speakers: Deyuan Deng, Jun Zhang*	309B
15:00 – 15:40	E	**Apache Pulsar: How a Segment-Oriented Architecture Delivers Better Performance - Jia Zhai, Streamlio** *Speakers: Jia Zhai*	306B

15:00 – 15:40	I	**Fast Iteration of Linux Kernel on Millions of Systems: Challenge and Practice @Alibaba - Juexiao, Alibaba** *Speakers:* 晓海 石	307A
15:00 – 15:40	2	**Haier Cosmoplat (First National-Class Industrial Internet Platform) Deep Dive and its Implementation - Hongbing Zhang, DaoCloud & Ding Ping Zhang, Haier Digital** *Speakers:* 红兵 张, 定平 张	306A
15:00 – 15:40	2	**VFIO Device Assignment Quirks and How to Avoid Them in Your Hardware - Alex Williamson, Red Hat** *Speakers: Alex Williamson*	203B
15:00 – 15:40	L	**The Flavors of Memory Supported by Linux, their Use and Benefit - Christoph Lameter, Jump Trading LLC** *Speakers: Christoph Lameter*	307B
15:00 – 15:40	N	**Large-Scale RDMA Inside Alibaba Cloud: Challenge, Solution and Value in Data Center - Li Qiang, Alibaba** *Speakers:* 强 李	311B
15:00 – 15:40	D	**Is There an Open Source Business Model: YES or NO? - Jeffrey Borek, IBM & Stephen Walli, Microsoft** *Speakers: Jeff Borek, Stephen R. Walli*	310
15:00 – 15:40	T	**The Way to the TARS Container - Mei Ping, Tencent** *Speakers: Mei Ping*	VIP4-3
15:00 – 16:00	O	**Office Hours: Hui Deng, Chief NFV Strategy Officer, Huawei** *Speakers: Hui Deng*	Level 3, Parkview Foyer
15:00 – 16:00	O	**Office Hours: Lingli Deng, Senior Project Manager, China Mobile** *Speakers: Lingli Deng*	Level 3, Parkview Foyer
15:00 – 16:00	O	**Office Hours: Stefano Stabellini, Principal System Software Engineer, Xilinx** *Speakers: Stefano Stabellini*	Level 3, Parkview Foyer
15:20 – 15:30	W	**Annoucement of Alibaba Cloud Blockchain Competition - Ma Jin, Alibaba**	409
15:30 – 16:00	W	**Suggestions for Hyperledger Fabric Application - Gordon, Julian, Alibaba**	409
15:50 – 16:30	A	**Akraino: A Technical Overview - JF Ding, Intel** *Speakers: JF Ding*	311A
15:50 – 16:30	C	**Apache OpenWhisk + Kubernetes: A Perfect Match for Your Serverless Platform - Ying Chun Guo & Zhou Xing, IBM China Develop Lab** *Speakers: Ying Chun (Daisy) Guo, Zhou Xing*	309A
15:50 – 16:30	C	**Getting Started with Logging in Kubernetes - Eduardo Silva, Treasure Data** *Speakers: Eduardo Silva*	309B
15:50 – 16:30	E	**Dubbo Open-Sourcing - Present and the Future - Liu Jun, Alibaba** *Speakers: Liu Jun*	306B
15:50 – 16:30	I	**How is Cloud Native Going at China Mobile? - Xuan Jia, China Mobile** *Speakers: Xuan Jia*	307A
15:50 – 16:30	2	**Let's Make IoT OS Smarter in LPWA - Wang Daneng & Richard Lin, Huawei Technologies** *Speakers: Richard Lin,* 大能 王	306A
15:50 – 16:30	2	**Storage Performance Tuning for FAST! Virtual Machines - Fam Zheng, Red Hat** *Speakers: Fam Zheng*	203B

15:50 – 16:30	L	**PRCU: A New RCU Design with Low Synchronization Latency - Heng Zhang, Huawei** *Speakers: Heng Zhang*	307B
15:50 – 16:30	N	**Network Service Optimization with VPP Platform - Jianyong Chen, Alibaba Cloud** *Speakers: 建永 陈*	311B
15:50 – 16:30	D	**License Information Management: A Case Study - Kate Stewart, The Linux Foundation** *Speakers: Kate Stewart*	310
15:50 – 16:30	T	**Some DevOps Practices on TARS - Li ZhaoYan, Tencent** *Speakers: Li ZhaoYan*	VIP4-3
15:50 – 17:20	M	**HOL: Build & Deploy a Basic Kubernetes Application using Azure AKS - Andy Zhang, Dong Liu & Pengfei Ni, Microsoft**	208B
16:00 – 16:30	W	**Exploring Blockchain Tech in Practice - Tangrong, Alibaba**	409
16:00 – 17:00	O	**Office Hours: Doug Davis, STSM, IBM** *Speakers: Doug Davis*	Level 3, Parkview Foyer
16:00 – 17:00	O	**Office Hours: Jia Zhai, Consultant Software Engineer, Streamlio** *Speakers: Jia Zhai*	Level 3, Parkview Foyer
16:00 – 17:00	O	**Office Hours: Keeley Erhardt, Software Engineer, Improbable** *Speakers: Keeley Erhardt*	Level 3, Parkview Foyer
16:40 – 17:20	A	**AI Applications at DiDi: End-to-End Speech Systems - Xiangang Li, DiDi** *Speakers: Xiangang Li*	311A
16:40 – 17:20	C	**A Practical Introduction to Kubernetes Federated HPAs - Irfan Ur Rehman & Shashidhara, Huawei Technologies** *Speakers: Shashidhara T D, Irfan Ur Rehman*	309B
16:40 – 17:20	C	**Introducing the Kubernetes Policy WG - Zhipeng Huang, Huawei & Xuan Jia, China Mobile** *Speakers: Zhipeng Huang, Xuan Jia*	309A
16:40 – 17:20	E	**Africa's AI Story: Opportunities for Open Source Projects - Opetunde Adepoju, Iadoke Akintola University of Technology** *Speakers: Opetunde Adepoju*	306B
16:40 – 17:20	I	**K8s Cluster and Application Monitoring with Prometheus - Max Leonard Inden, CoreOS** *Speakers: Max Leonard Inden*	307A
16:40 – 17:20	2	**Connecting the Edge - Anshul Sharma, TIBCO Software** *Speakers: Anshul Sharma*	306A
16:40 – 17:20	2	**Better Live Migration on KVM/QEMU - Guangrong Xiao, Tencent Cloud** *Speakers: Guangrong Xiao*	203B
16:40 – 17:20	L	**A Major Overhaul of the APIC Initialization and Vector Allocation - Dou Liyang, Fujitsu (FNST)** *Speakers: Dou Liyang*	307B
16:40 – 17:20	N	**Common Modeling Practice for Network Orchestration and Automation - Lingli Deng, China Mobile & Hui Deng, Huawei Technologies** *Speakers: Hui Deng, Lingli Deng*	311B
16:40 – 17:20	D	**Why You Need an Open Source Program Office - Chris Aniszczyk, Cloud Native Computing Foundation** *Speakers: Chris Aniszczyk*	310

| 16:40 – 17:20 | T | **TSeer: The Tencent Open Source Nameservice Framework - Yang Qiang, Tencent** | VIP4-3 |

Speakers: Yang Qiang

A AI & Deep Learning	**W** Alibaba Workshops	**B** Baidu Workshops	**1** Blockchain	**F** BoF
R Breaks & Meals	**C** Cloud Native & Serverless & Microservices	**P** Compliance		
E Emerging Technologies & Wildcard	**V** Event Experiences	**X** Executive Leadership Forum		
H Huawei Workshops	**I** Infrastructure & Automation	**2** IoT & M2M	**K** Keynote	**2** KVM
L Linux Systems	**M** Microsoft Workshops	**N** Networking & Orchestration	**O** Office Hours	
D Open Source Leadership	**3** OpenChain Workshop	**S** Sponsor Showcase Hours	**G** Strategy & Governance	
T Tencent Workshops				

JUNE 26 • TUESDAY

Time		Session	Location
08:00 – 09:00	R	**Breakfast**	4F Foyer
08:00 – 17:00	R	**Registration**	Main Lobby B
09:00 – 09:20	K	**Keynote: Digital Decoupling - Journey to Open - Sven Loberg, Managing Director, Emerging Technology, Accenture** *Speakers: Sven Loberg*	Plenary Hall B
09:25 – 09:40	K	**Keynote: Unleash the Power of Open Source (释放开源价值) - Evan Xiao, Vice President, Strategy & Industry Development, Huawei** *Speakers: Evan Xiao*	Plenary Hall B
09:45 – 10:00	K	**Keynote: Managing Open Source in Tencent, from the Bottom Up - Liu Xin, General Manager of Mobile Internet Group, Tencent** *Speakers: 昕刘*	Plenary Hall B
10:05 – 10:45	K	**Keynote Panel: Cloud Native - Dan Kohn, Cloud Native Computing Foundation; Junjie Cai, Alibaba Cloud; Anni Lai, Huawei; Todd Moore, IBM; Michelle Noorali, Microsoft; Haifeng Liu, JD.com; Liu Xin, Tencent** *Moderators: Dan Kohn* *Speakers: Junjie Cai, Anni Lai, Haifeng Liu, Todd Moore, Michelle Noorali, 昕刘*	Plenary Hall B
10:50 – 11:20	R	**Coffee Break**	4F Foyer
10:50 – 16:00	S	**Sponsor Showcase**	Plenary Hall A
11:00 – 12:00	O	**Office Hours: Max Leonard Inden, Software Developer, CoreOS** *Speakers: Max Leonard Inden*	Level 3, Parkview Foyer
11:00 – 12:00	O	**Office Hours: Michael Dong, CEO, ChainNova** *Speakers: Michael (DongNing) Dong*	Level 3, Parkview Foyer
11:00 – 12:00	O	**Office Hours: Ria Bhatia, Program Manager, Microsoft** *Speakers: Ria Bhatia*	Level 3, Parkview Foyer
11:15 – 12:00	W	**Tsar - A Flexible System and Application Gathering Software - Kongjian, Alibaba**	409
11:20 – 11:45	X	**GenoStack: A Collection of Biotechnology Tools Using Containers - Chao Wang, CTO, xturing.inc** *Speakers: Chao Wang*	Plenary Hall B

11:20 – 12:00	1	**Extend Hyperledger Fabric to Support EVM Contract and Web3 Toolings - Jiannan Guo & Swetha Repakula, IBM** *Speakers: Jay Guo, Swetha Repakula*	311A
11:20 – 12:00	C	**Best Practices for Containers in Production for Banking - Eric, Alibaba** *Speakers: Eric*	309A
11:20 – 12:00	C	**Do Auto and Manual Instrumentation in Apache SkyWalking APM - Sheng Wu, Tetrate.io Inc** *Speakers: Sheng Wu*	309B
11:20 – 12:00	E	**Opportunities and Innovation for Developers in the Chinese Open Source Ecosystem - Mark Ma, Forever Open Source Software Inc.** *Speakers: 越 马*	306B
11:20 – 12:00	I	**How to Build Container Technology at Millions Scale in Alibaba - Hongliang Sun, Alibaba** *Speakers: 宏亮 孙*	307A
11:20 – 12:00	2	**Introduction to the Zephyr Project - Ryan Qian, NXP & Kate Stewart, The Linux Foundation** *Speakers: Jianghao QIAN, Kate Stewart*	306A
11:20 – 12:00	2	**Three-hot Technologies and Their Usages at Huawei's Public Cloud - Liu Jinsong, & Huang Zhichao, Huawei** *Speakers: Liu Jinsong, Huang Zhichao*	203B
11:20 – 12:00	L	**Understanding Spectre v2 and How the Vulnerability Impact the Cloud Security - Gavin Guo, Canonical** *Speakers: Gavin Guo*	307B
11:20 – 12:00	N	**SDN Practice and Implementation for Inspur Cloud Platform - Yanjun Li, Inspur** *Speakers: Yanjun Li*	311B
11:50 – 12:15	X	**Open Source Philosophy & The Sharing Economy - Chenyu Xue, M2M Director, OFO** *Speakers: Chenyu Xue*	Plenary Hall B
12:00 – 13:30	R	**Lunch**	Plenary Hall A
12:15 – 13:15	R	**VIP Luncheon, Sponsored By Huawei (Invitation Only)**	308
13:00 – 14:00	B	**Baidu Deep Learning Platform on Kubernetes**	207
13:00 – 17:00	H	**FD.io DMM Seminar**	CNCC, E231
13:20 – 14:00	T	**Using TARS to Code in Golang - Chen Mingjie, Tencent** *Speakers: Chen Mingjie*	VIP4-3
13:30 – 14:10	1	**An Implementation of Blockchain Technology in Real Estate Industry: Asset Digitalization - Long Wu, FZG 360** *Speakers: Long Wu*	311A
13:30 – 14:10	C	**Istio - Weaving, Securing and Observing Microservices - Lin Sun, IBM & Wencheng Lu, Google** *Speakers: Wencheng Lu, Lin Sun*	309A
13:30 – 14:10	C	**Kata Containers: When OCI Meets Virtuliazation - Tao Peng, HyperHQ Inc.** *Speakers: Peng Tao*	309B
13:30 – 14:10	E	**Improving and Practicing Linux Kernel Education in China College - Yue Chen, Nanchang University & Ben Shushu, Technical Consultant** *Speakers: Ben shushu, chen yue*	306B

13:30 – 14:10	X	**Augmented Humanity and AI Driven Smart Services: What Happens When The Machines Take Over - R. Ray Wang, Principal Analyst, Founder & Chairman, Constellation Research** *Speakers: R Ray Wang*	Plenary Hall B
13:30 – 14:10	I	**Kubernetes for Edge Computing across Inter-Continental Haier Production Sites - Julia Han & Jiyuan Tang, Caicloud** *Speakers: Jiayao (Julia) Han, Jiyuan Tang*	307A
13:30 – 14:10	I	**Moving Fast and Slow at the Same Time: Lifecycle Commitments Across Major OS Releases - Adam Samalik, Red Hat** *Speakers: Adam Samalik*	310
13:30 – 14:10	2	**Pushing the Kubernetes Experience to IoT Devices - Erno Aapa, Eliot** *Speakers: Erno Aapa*	306A
13:30 – 14:10	2	**Intel's Next Generation Hardware Virtualization Technologies to Make Cloud more Secure and Scalable with High Performance - Yu Zhang, Intel** *Speakers: Yu Zhang*	203B
13:30 – 14:10	L	**Diary of a Drive by Coder: Tips and Tricks for Working with Upstream - James Bottomley, IBM** *Speakers: James Bottomley*	307B
13:30 – 14:10	N	**Zero-copy Optimization for DPDK vhost-user Receiving - Jing Chen, Alibaba Cloud** *Speakers: Jing Chen*	311B
13:30 – 17:00	H	**Huawei LiteOS Workshop**	211
13:40 – 14:20	W	**High Performance Distributed File System for Open Source Big Data Eccology - Zhao Shuqi, Alibaba**	409
14:00 – 15:00	B	**Design & Practice with Cloud Services of Baidu Function Computing**	207
14:00 – 15:00	O	**Office Hours: Erno Aapa, Founder/CTO, Eliot** *Speakers: Erno Aapa*	Level 3, Parkview Foyer
14:00 – 15:00	O	**Office Hours: Michael Hrivnak, Principal Software Engineer, Red Hat, Inc.** *Speakers: Michael Hrivnak*	Level 3, Parkview Foyer
14:10 – 14:50	T	**Using TARS to Code in Java - Chen Yu, Tencent** *Speakers: Chen Yu*	VIP4-3
14:20 – 15:00	A	**Big Data Global Practice and Arch Evolution in Lenovo - Yu Chentao, Lenovo** *Speakers: Yu Chentao*	310
14:20 – 15:00	1	**Blockchain Practice on Public Service - Michael Dong, ChainNova** *Speakers: Michael (DongNing) Dong*	311A
14:20 – 15:00	C	**A Day in the Java Developer's Life, with a Taste of Kubernetes - Arun Gupta & Peter Dalbhanjan, AWS** *Speakers: Peter Dalbhanjan, Arun Gupta*	309A
14:20 – 15:00	C	**Secure, Controllable and Reliable Container Image Management and Distribution - Jia Zou & Haining (Henry) Zhang, VMware** *Speakers: "Haining Henry" Zhang, Jia Zou*	309B
14:20 – 15:00	E	**Comparisons of Cloud Native Communities - Swetha Repakula & Morgan Bauer, IBM** *Speakers: Morgan Bauer, Swetha Repakula*	306B

| 14:20 – 15:00 | X | **Panel Discussion: Deep Learning - Moderated by Jim Zemlin, Executive Director, The Linux Foundation** | Plenary Hall B |

Moderators: Jim Zemlin

Speakers: Peixin Hou, Dr. Huan Jun, Todd Moore, Dr. Xu Ming Qiang, Dr. Xiaolong Zhu, 俊兰 冯

| 14:20 – 15:00 | I | **Kubernetes Security Best Practices - Ian Lewis, Google** | 307A |

Speakers: Ian Lewis

| 14:20 – 15:00 | 2 | **ACRN Hypervisor - Yu Wang, Intel** | 306A |

Speakers: Yu Wang

| 14:20 – 15:00 | 2 | **Accelerating NVMe I/Os in Virtual Machine via SPDK vhost - Ziye Yang & Changpeng Liu, Intel** | 203B |

Speakers: Changpeng Liu, Ziye Yang

| 14:20 – 15:00 | L | **Shared Virtual Addressing - Yisheng Xie & Bob Liu, Huawei** | 307B |

Speakers: Bob Liu

| 14:20 – 15:00 | N | **Multiple Networks and Isolation in Kubernetes - Michael Xie & Kaveh Shafiee, Huawei Technologies** | 311B |

Speakers: Kaveh Shafiee, Haibin Michael Xie

| 15:00 – 15:30 | R | **Coffee Break** | 4F Foyer |

| 15:00 – 15:40 | T | **Using TARS to Code in PHP - Liang Chen, China Literature** | VIP4-3 |

Speakers: Liang Chen

| 15:00 – 16:00 | B | **PaddlePadele Fluid: Toward a Deep Learning Programming Language** | 207 |

| 15:00 – 16:00 | O | **Office Hours: Ben Shushu, Technical Consultant** | Level 3, Parkview Foyer |

Speakers: Ben shushu

| 15:00 – 16:00 | O | **Office Hours: Ian Lewis, Developer Advocate, Google** | Level 3, Parkview Foyer |

Speakers: Ian Lewis

| 15:30 – 16:10 | 1 | **Flowchain - A Hybrid Blockchain for the IoT and Tokenized Hardware - Jollen Chen, Flowchain.co** | 311A |

Speakers: Jollen Chen

| 15:30 – 16:10 | C | **A Novel Flow Network Graph Based Scheduling Approach in Kubernetes - Zefeng (Kevin) Wang, Huawei** | 309B |

Speakers: Zefeng (Kevin) Wang

| 15:30 – 16:10 | C | **Cloudbursting with Kubernetes - Irfan Ur Rehman & Quinton Hoole, Huawei Technologies** | 309A |

Speakers: Quinton Hoole, Irfan Ur Rehman

| 15:30 – 16:10 | C | **Practicing Container and Microservice in Huawei Cloud - Yang Zhao, Huawei** | 310 |

Speakers: Yang Zhao

| 15:30 – 16:10 | E | **MultiDroid: A Novel Solution to Consolidate Interactive Physical Android Clients on One Single Computing Platform - Bin Yang & Shoumeng Yan, Intel R&D Center Shanghai** | 306B |

Speakers: Shoumeng Yan, Bin Yang

| 15:30 – 16:10 | X | **Panel Discussion: Real-life Case Studies of how Blockchain is being Adopted into the Real Economy in China - Moderated by Julian Gordon, Linux Foundation APAC** | Plenary Hall B |

Moderators: Julian Gordon

Speakers: Dr. Yang Yue Feng, Han Hou, Dr. Yu Jianing, Hai Bo Sun, Spark Zhang

---

15:30 – 16:10	I	**Containerized Monitoring: Adaption to Different Infrastructures and Verification Schemes - Yang (Gabriel) Yu, Huawei & Emma Foley, Intel** *Speakers: Emma Foley, Yang (Gabriel) Yu*	307A
15:30 – 16:10	2	**Runtime VM Protection By Intel Multiple Key Total Memory Encryption - Kai Huang, Intel Corporation**	203B
15:30 – 16:10	L	**LKP-tests: A Comprehensive Performance Analysis Tool for Linux - Ying Huang, Intel Corporation** *Speakers: Ying Huang*	307B
15:30 – 16:10	N	**Kubernetes Application Management Based on Helm and Operator - Peng Jiang, Rancher Labs** *Speakers: Peng Jiang*	311B
15:50 – 16:30	T	**Using TARS to Code in NodeJS - Zheng Subo, Tencent** *Speakers: Zheng Subo*	VIP4-3
16:00 – 17:00	B	**Streaming Computation in Baidu**	207
16:20 – 17:00	1	**The Application and Case Sharing of Blockchain + Regtech - William Zuo, Shanghai Gingkoo Financial Technology Co.,Ltd** *Speakers: Peng Zuo*	311A
16:20 – 17:00	C	**Accelerate DevOps for Cloud Native Application on Kubernetes with Open Source Tools - Rome Li, Microsoft** *Speakers: Rome Li*	310
16:20 – 17:00	C	**Securing Your Serverless Endpoint with Webtask - Md. Shahbaz Alam, Mozilla / Auth0** *Speakers: Md. Shahbaz Alam*	309B
16:20 – 17:00	C	**Using Scale-Out Data Replication for Disaster Recovery Planning at NTT - Hui Wang, Huawei** *Speakers: Hui Wang*	309A
16:20 – 17:00	E	**Why does the Obstacle of Enterprise Adoption in OSS come from Engineers? - Li Jiansheng, OCSelected** *Speakers: LiJiansheng*	306B
16:20 – 17:00	X	**Network Intelligence - Dr. Feng Junlan, Director, China Mobile Artificial Intelligence and Smart Operations R&D Center, China Mobile & Chief Scientist, China Mobile Research Institute** *Speakers: 俊兰 冯*	Plenary Hall B
16:20 – 17:00	I	**Convergence of Virtual Machines and Containers Orchestration using KubeVirt - Chunfu Wen, Red Hat** *Speakers: Chunfu Wen*	307A
16:20 – 17:00	2	**vhost Dataplane in Qemu - Jason Wang, Red Hat** *Speakers: Jason Wang*	203B
16:20 – 17:00	L	**Advanced Disk Activity Tracking Tool - iotrace - Ahao Mu & Gavin Shan, Alibaba Inc** *Speakers: Ahao Mu, Gavin Shan*	307B
16:20 – 17:00	N	**Light Weight Computing for IOT/Edge Using Pulsar Functions - Sijie Guo, Streamlio** *Speakers: Sijie Guo*	311B
16:20 – 17:00	D	**Panel Discussion: Why Open Source Marketing Matters: For Projects, Users and Vendors - Moderated by Melissa Logan, Cloud Foundry Foundation** *Moderators: Melissa Logan* *Speakers: Lingli Deng, Dee Kumar, Anni Lai*	306A

16:40 – 17:20	T	**Actual Operations on the PC - TARS Team**	VIP4-3
17:15 – 18:15	F	**BoF: Not One Size Fits All, How to Size Kubernetes Clusters - Guang Ya Liu & Sahdev Zala, IBM (Watson and Cloud Platform)** *Speakers: Guangya Liu, Sahdev Zala*	307A
17:15 – 18:15	F	**BoF: OpenMessaging: New Messaging Standard under Linux Foundation - Von Gosling, Alibaba Group** *Speakers: Von Gosling*	306B
17:15 – 18:15	F	**BoF: Build Container Instance Service With Kata Container - Zhiguo Hong, Tencent** *Speakers: Zhiguo Hong*	203B
17:15 – 18:15	F	**BoF: How to Port a New Arch (nds32) to the Linux Mainline - Greentime Hu, Andes** *Speakers: Greentime Hu*	307B
17:15 – 18:15	F	**BoF: What Should be PID 1 in a Container? - Ranjith Rajaram, Red Hat** *Speakers: Ranjith Rajaram*	306A
17:15 – 19:00	V	**Partner Reception (Invitation Required - Open to speakers, media and sponsors only)** Intercontinental Beijing, Italian Trattoria Restaurant on Level 2	

| A | AI & Deep Learning | W | Alibaba Workshops | B | Baidu Workshops | 1 | Blockchain | F | BoF |

A AI & Deep Learning   W Alibaba Workshops   B Baidu Workshops   1 Blockchain   F BoF

R Breaks & Meals   C Cloud Native & Serverless & Microservices   P Compliance

E Emerging Technologies & Wildcard   V Event Experiences   X Executive Leadership Forum

H Huawei Workshops   I Infrastructure & Automation   2 IoT & M2M   K Keynote   2 KVM

L Linux Systems   M Microsoft Workshops   N Networking & Orchestration   O Office Hours

D Open Source Leadership   3 OpenChain Workshop   S Sponsor Showcase Hours   G Strategy & Governance

T Tencent Workshops

JUNE 27 • WEDNESDAY

08:00 – 09:00	R	**Breakfast**	4F Foyer
08:00 – 16:00	R	**Registration**	Main Lobby B
09:00 – 09:15	K	**Keynote: Tao Ma, Principal Engineer, Alibaba Cloud** *Speakers: Tao Ma*	Plenary Hall B
09:25 – 09:45	K	**Keynote: Shaping the Cloud Native Future - Abby Kearns, Executive Director, Cloud Foundry Foundation** *Speakers: Abby Kearns*	Plenary Hall B
09:50 – 10:05	K	**Keynote: Simplify Multimodal IT: Bridge Traditional and Software-defined Infrastructure - Alan Clark, Director, CTO Office, SUSE** *Speakers: Alan Clark*	Plenary Hall B
10:10 – 10:40	K	**Keynote: Spectre, Meltdown, & Linux - Greg Kroah-Hartman, Fellow, The Linux Foundation** *Speakers: Greg Kroah-Hartman*	Plenary Hall B
10:45 – 11:30	R	**Coffee Break**	4F Foyer
10:45 – 14:00	S	**Sponsor Showcase**	Plenary Hall A
11:00 – 12:00	O	**Office Hours: Arun Gupta, Principal Open Source Technologist, AWS** *Speakers: Arun Gupta*	Level 3, Parkview Foyer
11:00 – 18:00	H	**Apache ServiceComb (Incubating) Day**	211
11:30 – 12:10	A	**Performance Optimization for Content Recommendation Workload on Large-scale Distributed GPU VM Nodes on Alibaba Cloud - Liang You, Alibaba Cloud** *Speakers: 亮 游*	306A
11:30 – 12:10	1	**The Practice of Security Deployment and Management for Hyperledger Fabric - Fengfeng Shi, dianrong.com** *Speakers: Fengfeng Shi*	311A
11:30 – 12:10	C	**Best Practices of Building an Application with Millions of QPS Based on Kubernetes - Chao Liu, Netease** *Speakers: Chao Liu*	310

| 11:30 – 12:10 | C | **Full scalable Media Cloud Solution with Kubernetes Orchestration on GPU - Zhenyu Wang & Xin (Owen) Zhang, Intel Corp.** | 309A |
| | | *Speakers: Xin (Owen) Zhang* | |

| 11:30 – 12:10 | C | **Topology-aware Service Routing in Kubernetes Boots a Smarter Service Discovery - Jun Du, Huawei** | 309B |
| | | *Speakers: Jun Du* | |

| 11:30 – 12:10 | I | **How Habitat Enables Cloud Native Applications and DevOps Teams - Lingshuang Chen, Chef Software** | 307A |
| | | *Speakers: Lingshuang Chen* | |

| 11:30 – 12:10 | 2 | **EdgeX Foundry - A Microservice Approach to IoT Edge Computing - Jim White, Dell** | 306B |
| | | *Speakers: Jim White* | |

| 11:30 – 12:10 | 2 | **Intel® Scalable I/O Virtualization - Kevin Tian, Intel®** | 203B |
| | | *Speakers: Kevin Tian* | |

| 11:30 – 12:10 | L | **Intelligent Server Brain for Cloud Services Driven Power Management and Performance Optimization - Jun Song, Alibaba Group** | 307B |
| | | *Speakers: Justin Song* | |

| 11:30 – 12:10 | N | **How Standards and Open Source Interworking can Resolve Challenges Slowing down the Massive Deployment of NFV - Nan Zhou & Kubi Gao, Huawei Technologies Co., Ltd.** | 311B |
| | | *Speakers: 楠周, 亮高* | |

| 12:10 – 13:30 | R | **Lunch** | Plenary Hall A |

| 13:00 – 14:00 | O | **Office Hours: Jim White, Distinguished Engineer, Dell Technologies** | Level 3, Parkview Foyer |
| | | *Speakers: Jim White* | |

| 13:30 – 14:10 | A | **Elastic Deep Learning with PaddlePaddle - Wu Yi, Baidu** | 306A |
| | | *Speakers: Wu Yi* | |

13:30 – 14:10	1	**Panel Discussion: Blockchain and Innovation in Financial Services and Supply Chain - Moderated by Scott Long, Linux Foundation APAC**	311A
		Moderators: Scott Long	
		Speakers: Michael (DongNing) Dong, Dr. Yang Yue Feng, Jiang Qilin, Peng Zuo	

| 13:30 – 14:10 | C | **Host Kubernetes Within Kubernetes - Guangyou Yu, Tencent** | 309B |
| | | *Speakers: 广游 于* | |

| 13:30 – 14:10 | C | **How Hypervisors Provide Security in a Containerized World - Stefano Stabellini, Xen Project** | 309A |
| | | *Speakers: Stefano Stabellini* | |

| 13:30 – 14:10 | C | **Kubernetes Autoscaling on Azure - Pengfei Ni, Microsoft** | 310 |
| | | *Speakers: Pengfei Ni* | |

| 13:30 – 14:10 | I | **Operators: Extending Kubernetes with Custom Resources - Ian Lewis, Google** | 307A |
| | | *Speakers: Ian Lewis* | |

| 13:30 – 14:10 | 2 | **Accelerating VM Networking through XDP - Jason Wang, Red Hat** | 203B |
| | | *Speakers: Jason Wang* | |

| 13:30 – 14:10 | L | **LKL: Another Way to Reuse the Linux Kernel - Yu Li, Huawei** | 307B |
| | | *Speakers: Yu Li* | |

| 13:30 – 14:10 | N | **Experience OPNFV on Arm - Yibo Cai, Arm** | 311B |
| | | *Speakers: Yibo Cai* | |

13:30 – 14:10	D	**How Open Invention Network Safeguards the Linux Ecosystem - Kevin Huang, Open Invention Network** *Speakers: Kevin Huang*	306B
14:20 – 15:00	1	**International Energy Trade on Blockchain: A Sinochem Energy Pilot Project - Yongchun Zhu, Sinochem Energy Tech** *Speakers: Yongchun Zhu*	311A
14:20 – 15:00	C	**Disaster Recovery and Data Protection for Kubernetes Persistent Volumes - Xing Yang, Huawei Technologies & Rakesh Jain, IBM** *Speakers: Rakesh Jain, Xing Yang*	309B
14:20 – 15:00	I	**Bcache Stability: Improvement for Cloud Infrastructure - Coly (Yong) Li, SUSE** *Speakers: Coly (Yong) Li*	307A
14:20 – 15:00	I	**BOSH, A Platform For Running Platforms So You Can Run Platforms - Paul Czarkowski, Pivotal** *Speakers: Paul Czarkowski*	310
14:20 – 15:00	2	**Device Assignment with Nested Guests and DPDK - Peter Xu, Red Hat** *Speakers: Peter Xu*	203B
14:20 – 15:00	L	**Xen Project: After 15 years, What's Next? - George Dunlap, Citrix Systems R&D UK Ltd** *Speakers: George Dunlap*	307B
14:20 – 15:00	N	**FPGA and Virtualization Technology in DPDK to Accelerating and Scaling the Cloud Networking - Tianfei Zhang & Rosen Xu, Intel** *Speakers: Rosen Xu, 天飞 张*	311B
15:10 – 15:50	1	**Hyperledger Caliper: A Performance Benchmark Framework for Multiple DLTs - Haojun Zhou, Huawei** *Speakers: Haojun Zhou*	311A
15:10 – 15:50	C	**Orchestrating Multi-service Applications on Kubernetes - Michael Hrivnak, Red Hat, Inc.** *Speakers: Michael Hrivnak*	309B
15:10 – 15:50	C	**Run Linux Kernel as a Daemon - Lai Jiangshan, Hyper.sh** *Speakers: Jiangshan Lai*	309A
15:10 – 15:50	I	**Building a Serverless Container Cloud with OpenStack and Kubernetes - Kevin Zhao, Arm** *Speakers: Kevin Zhao*	307A
15:10 – 15:50	2	**Shared Virtual Memory in KVM - Yi Liu, Intel China Ltd Beijing Branch** *Speakers: Yi Liu*	203B
15:10 – 15:50	L	**Provide Zero Downtime for Your Critical Applications, Including Container Deployments - Honglin Su & Frank Zhang, Oracle** *Speakers: Honglin Su, Frank Zhang*	310
15:10 – 15:50	L	**overlayfs: Current Status and Upcoming Future - Yi Zhang, Huawei** *Speakers: Yi Zhang*	307B
15:10 – 15:50	N	**Accelerate Network Protocol Stack Perforamance and Adoption in the Cloud Networking via DMM - Shui Cao, Huawei** *Speakers: 曹水*	311B
15:10 – 15:50	D	**Lessons Learned from Leading an Open-Source Project Supporting 30+ Programming Languages - William Cheng, REST United** *Speakers: William Cheng*	306B

15:10 – 16:40	A	**Tutorial of Deep Learning: Modles, Algorithms and Implements in TensorFlow - Guangcong Liu, ZTE** *Speakers: Guangcong Liu*	306A
16:00 – 16:40	1	**Cryptographic Algorithms and Incentive Mechanics: From Blockchain to Maneuvering Data to Flow - Lilin Sun & Guo Wenjing, Juzix** *Speakers: Lilin Sun, Guo Wenjing*	311A
16:00 – 16:40	C	**Distributing Stateful Workloads across Hybrid Clouds - Irfan Ur Rehman & Quinton Hoole, Huawei Technologies** *Speakers: Quinton Hoole, Irfan Ur Rehman*	309B
16:00 – 16:40	C	**Microservices Pattern Exploration in Enterprise Practice - Golfen Guo, DaoCloud Inc.** *Speakers: 峰 郭*	309A
16:00 – 16:40	2	**Use Hyper-V Enlightenments to Increase KVM VM Performance/Density - Chao Peng, Intel** *Speakers: Chao Peng*	203B
16:00 – 16:40	N	**Challenges and Opportunities for SD-WAN in China - Ziyi Lu, Tethrnet Technology** *Speakers: Ziyi Lu*	311B
16:00 – 16:40	D	**To Sustain Open Source Software Business - Yoshiya Eto, Fujitsu** *Speakers: Yoshiya Eto*	307A
16:00 – 16:40	D	**Automatically Backup Module against Ransomware Attack - Kazuki Omo, SIOS Technology, Inc.** *Speakers: Kazuki Omo*	307B
16:00 – 16:40	D	**Disclosure Policies in the World of Cloud: A Look Behind the Scenes - Lars Kurth, Citrix / Xen Project** *Speakers: Lars Kurth*	306B