

Technical Advisory Council Meeting

July 16, 2020

 THE **LINUX** FOUNDATION

 **LF AI**

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Recording of Calls

Reminder:

TAC calls are recorded and available for viewing on the [TAC Wiki](#)

Reminder: LF AI Useful Links

Web site: lfai.foundation
Wiki: wiki.lfai.foundation
GitHub: github.com/lfai
Landscape: landscape.lfai.foundation or l.lfai.foundation
Mail Lists: <https://lists.lfai.foundation>

LF AI Logos: <https://github.com/lfai/artwork/tree/master/lfai>

LF AI Presentation Template:

https://drive.google.com/file/d/1eiDNJvXCqSZHT4Zk_-czASlz2GTBRZk2/view?usp=sharing

Events Page on LF AI Website: <https://lfai.foundation/events/>

Events Calendar on LF AI Wiki (subscribe available):

<https://wiki.lfai.foundation/pages/viewpage.action?pageId=12091544>

Event Wiki Pages: <https://wiki.lfai.foundation/display/DL/LF+AI+Foundation+Events>

Agenda

- › Roll Call
- › Approval of Minutes
- › Guest Presentation: Mindspore (35 mins)
- › LF AI General Updates (10 mins)
- › Upcoming TAC Meetings
- › Open Discussion

TAC Voting Members

Member	Contact	Email
AT&T	Reuben Klein	rk1518@att.com
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ZTE	Wei Meng	meng.wei2@zte.com.cn
Acumos AI Project	Nat Subramanian	natarajan.subramanian@techmahindra.com
Angel Project	Bruce Tao	brucetao@tencent.com
ONNX Project	Jim Spohrer*	spohrer@us.ibm.com

* TAC Chairperson

Approval of Minutes

Draft minutes from the June 18th meeting of the TAC were previously distributed to the TAC members

Proposed Resolution:

- › That the minutes of the June 18th meeting of the Technical Advisory Council of the LF AI Foundation are hereby approved

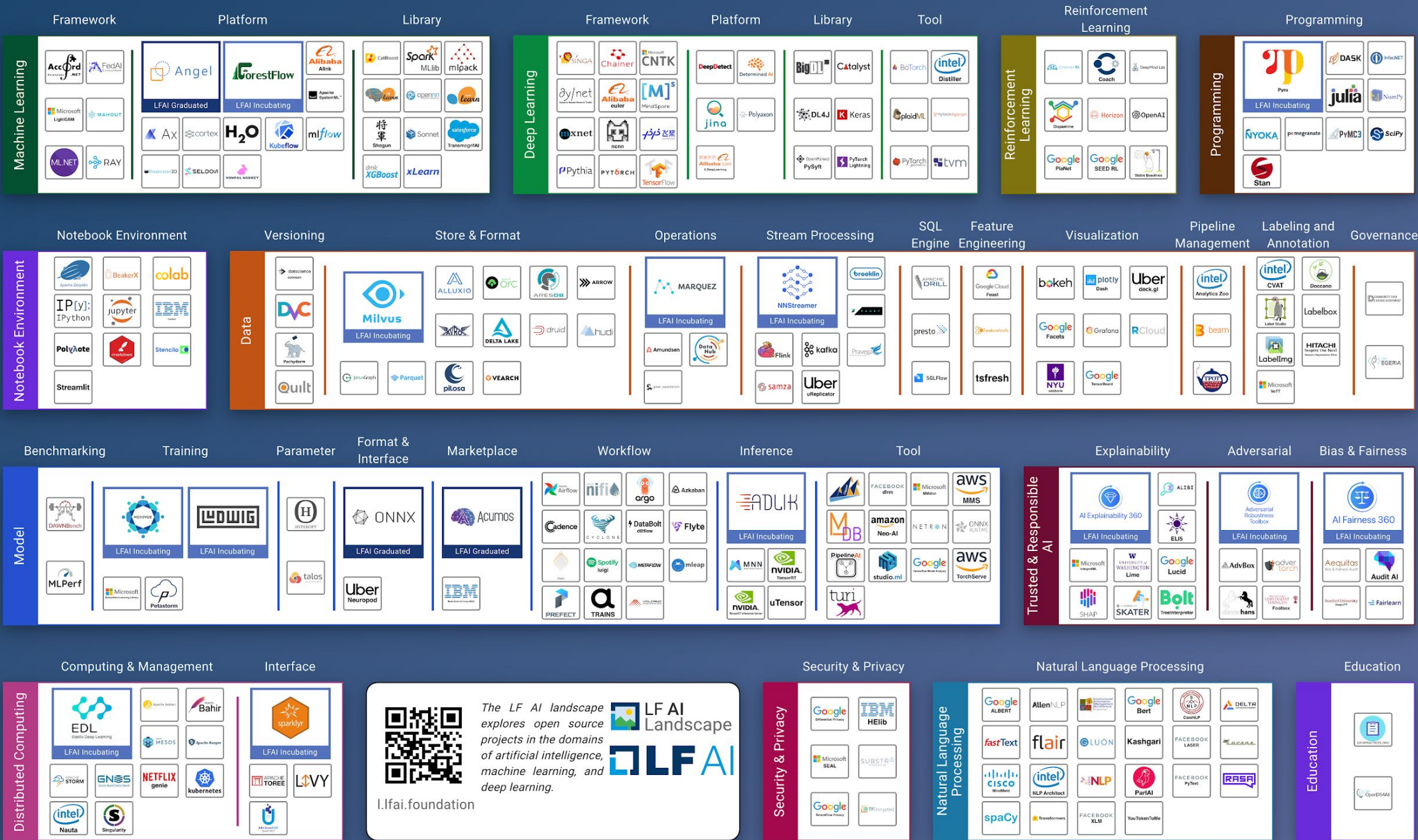
Guest Presentation: Mindspore



Zhipeng (Howard) Huang

35 minutes

LF AI General Updates

A Growing Landscape 275 projects



The LF AI landscape explores open source projects in the domains of artificial intelligence, machine learning, and deep learning.

lfaifoundation.org

A Growing LF AI Project Portfolio


Graduated LFAI Projects (3)



Acumos ★ 10
LF Artificial Intelligence Foundation



Angel-ML ★ 5,904
LF Artificial Intelligence Foundation




ONNX ★ 8,703
LF Artificial Intelligence Foundation


Incubating LFAI Projects (13)




Adlik ★ 116
LF Artificial Intelligence Foundation



Adversarial Robustness Toolkit ★ 1,599
LF Artificial Intelligence Foundation




AI Explainability 360 Toolkit ★ 589
LF Artificial Intelligence Foundation




AI Fairness 360 Toolkit ★ 1,003
LF Artificial Intelligence Foundation




Elastic Deep Learning (EDL) ★ 88
LF Artificial Intelligence Foundation



ForestFlow ★ 33
LF Artificial Intelligence Foundation



Horovod ★ 9,597
LF Artificial Intelligence Foundation




Ludwig ★ 6,848
LF Artificial Intelligence Foundation




Marquez ★ 322
LF Artificial Intelligence Foundation



Milvus ★ 3,713
LF Artificial Intelligence Foundation



NNStreamer ★ 247
LF Artificial Intelligence Foundation



Pyro ★ 6,321
LF Artificial Intelligence Foundation



sparklyr ★ 745
LF Artificial Intelligence Foundation

A Growing Developer Community

Acumos
Adlik
Adversarial Robustness 360
AI Explainability 360
AI Fairness 360
Angel
EDL
ForestFlow
Horovod
Ludwig
Marquez
Milvus
nnstreamer
ONNX
Pyro
Sparklyr

You are currently tracking **7,310,710 lines of code**, committed by **1,119 developers**, from **46 known organizations**, working in **76 repos**, on **16 projects** over the last **6 years, 6 months, and 14 days**.

Companies hosting projects in LF AI



Looking to host a project with LF AI

Hosted project stages and life cycle:

<https://lfai.foundation/project-stages-and-lifecycle/>

Offered services for hosted projects:

<https://lfai.foundation/services-for-projects/>

Contact:

Jim Spohrer (TAC Chair) and Ibrahim Haddad (ED, LF AI)

Promoting Upcoming Project Releases

We promote project releases via a blog post and on LF AI [Twitter](#) and/or [LinkedIn](#) social channels

For links to details on upcoming releases for LF AI hosted projects visit the [Technical Project Releases wiki](#)

If you are an LF AI hosted project and would like LF AI to promote your release, reach out to pr@lfai.foundation to coordinate in advance (min 2 wks) of your expected release date.

Project Graduation Opportunities

To be scheduled on a future TAC call

	Joined incubation	Unique contributors	Involved companies	GH Stars	Flow of commits	CII badge	Collaboration with other LF AI project	TSC Members
Horovod	Dec 2018	90	IBM MSFT FB Uber Nvidia Databricks AMD Intel H2O.ai UBC Independent	9.5 K	✓	✓	✓	Uber Amazon IBM NVidia Microsoft Intel Independent

Note on quorum

As LF AI is growing, we now have 12 voting members on the TAC.

TAC representative - please ensure you attend the bi-weekly calls or email Jacqueline/Ibrahim to designate an alternate representative when you can not make it.

We need to ensure quorum on the calls especially when we have items to vote on.

Updates from the Outreach Committee

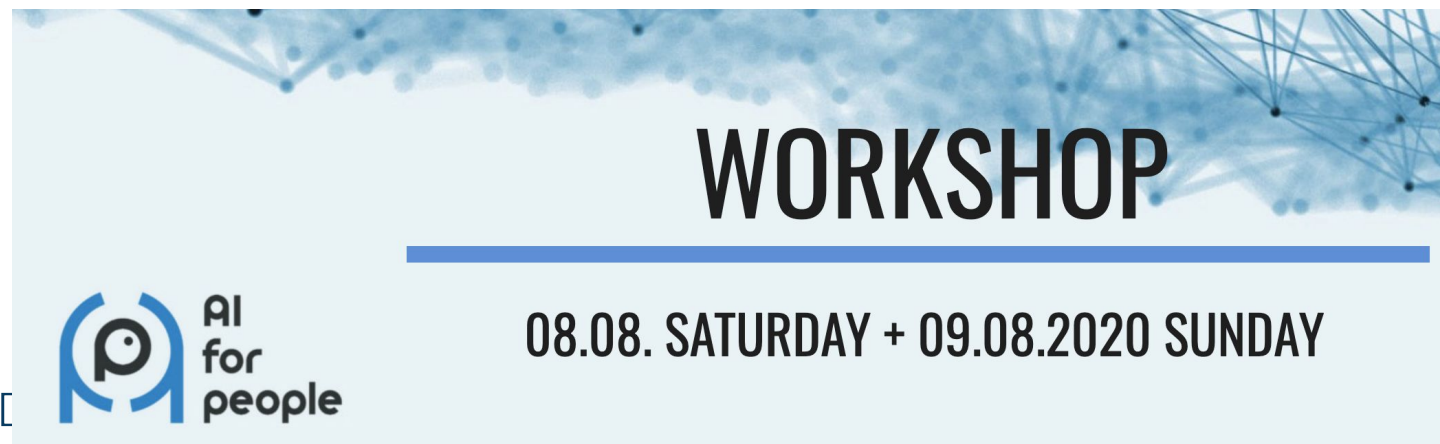
Events

- › Upcoming Events
 - › Visit the [LF AI Events Calendar](#) or the [LF AI 2020 Events wiki](#) for a list of all events
 - › To participate visit the [LF AI 2020 Events wiki page](#) or email info@lfai.foundation
- › Please consider holding virtual events
 - › To discuss participation, please email events@lfai.foundation

Upcoming Events




CLOUD NATIVE + OPEN SOURCE
.....
Virtual Summit China 2020
.....



WORKSHOP

08.08. SATURDAY + 09.08.2020 SUNDAY



Recent Events

- › **Virtual LF AI Day EU**
 - › June 22
 - › Post event summary [Blog](#)

- › Thank you to Orange for hosting!



Recent Events

- › **LF AI at OSS NA**
 - › June 29 - July 1
 - › Post event summary [Blog](#)
- › Thank you to our speakers and booth volunteers!

Connect with    **OPEN SOURCE SUMMIT**
NORTH AMERICA

Visit us at the LF AI Booth
Bronze Hall
June 29-July 1

Join us at the LF AI Mini Summit
Thursday, July 2
10:00-11:30 AM CDT

**Attend sessions in the
AI/ML/DL Track**
June 29-July 1

events.linuxfoundation.org/open-source-summit-north-america/register/

Recent Events - Over 262,000 live views



CCOW
OPEN SOURCE CHINA
OPEN SOURCE WORLD

OPU 中国开源软件(OSS)推进联盟
China OSS Promotion Union

The 15th Open Source China Open Source World Summit

第十五届“开源中国开源世界”高峰论坛

新技术、新业态、新变革
Open Source New Technology Ecosystem and Challenge

研发基于开源深度信息技术 重构新业态 拓展新生态

2020年7月15日线上直播



CCOW
OPEN SOURCE CHINA
OPEN SOURCE WORLD

OPU 中国开源软件(OSS)推进联盟
China OSS Promotion Union

The 15th Open Source China Open Source World Summit

第十五届“开源中国开源世界”高峰论坛

新技术、新业态、新变革
Open Source New Technology Ecosystem and Challenge

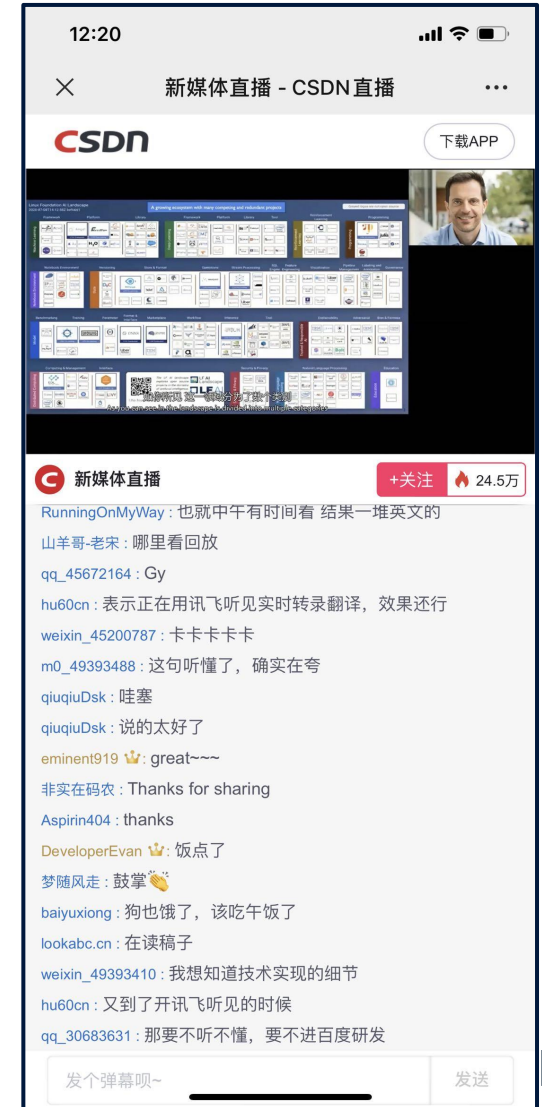


Linux基金会战略计划副总裁
LF AI基金会执行董事 Ibrahim Haddad

“ 开源人工智能生态系统，可以更好地集成，具有更好的互操作性和跨项目能力，可以提高成员在支持和发展生态系统方面的效率。 ”



长按二维码，观看大会现场直播



12:20

新媒体直播 - CSDN直播

CSDN 下载APP

新媒体直播 +关注 24.5万

RunningOnMyWay : 也就中午有时间看 结果一堆英文的
山羊哥-老宋 : 哪里看回放
qq_45672164 : Gy
hu6cn : 表示正在用讯飞听见实时转录翻译，效果还行
weixin_45200787 : 卡卡卡卡卡
m0_49393488 : 这句听懂了，确实在夸
qiuqiuDsk : 哇塞
qiuqiuDsk : 说的太好了
eminent919 : great~~~
非实在码农 : Thanks for sharing
Aspirin404 : thanks
DeveloperEvan : 饭点了
梦随风走 : 鼓掌👏
baiyuxiong : 狗也饿了，该吃午饭了
lookabc.cn : 在读稿子
weixin_49393410 : 我想知道技术实现的细节
hu6cn : 又到了开讯飞听见的时候
qq_30683631 : 那要不听不懂，要不不进百度研发

发个弹幕呗~ 发送

LF AI PR/Comms

- › Please follow LF AI on [Twitter](#) & [LinkedIn](#) and help amplify news via your social networks - Please retweet and share!
 - › Also watch for news updates via the tac-general mail list
 - › View recent announcement on the [LF AI Blog](#)
- › Open call to publish project/committee updates or other relevant content on the [LF AI Blog](#)
- › To discuss more details on participation or upcoming announcements, please email pr@lfai.foundation

Call to Participate in Ongoing Efforts

Trusted AI

- › **Leadership:**
Animesh Singh (IBM), Souad Ouali (Orange), and Jeff Cao (Tencent)
- › **Goal:** Create policies, guidelines, tooling and use cases by industry
- › **Github:**
<https://github.com/lfai/trusted-ai>
- › **Wiki:**
<https://wiki.lfai.foundation/display/DL/Trusted+AI+Committee>
- › **To participate:**
<https://lists.lfai.foundation/g/trustedai-committee/>
- › **Next call:** Bi-weekly on Thursdays at 7am PT, subscribe to group calendar on wiki
<https://wiki.lfai.foundation/pages/viewpage.action?pageId=12091895>

ML Workflow & Interop

- › **Leadership:**
Huang “Howard” Zhipeng (Huawei)
- › **Goal:**
Define an ML Workflow and promote cross project integration
- › **Wiki:**
<https://wiki.lfai.foundation/display/DL/ML+Workflow+Committee>
- › **To participate:**
<https://lists.lfai.foundation/g/mlworkflow-committee>
- › **Next call:** Every 4 weeks on Thursdays at 7:00 am PT, subscribe to group calendar on wiki
<https://wiki.lfai.foundation/pages/viewpage.action?pageId=18481242>

Launching an effort to create AI Ethics Training

Initial developed course by the LF: Ethics in AI and Big Data - published on edX platform:
<https://www.edx.org/course/ethics-in-ai-and-big-data>

The goal is to build 2 more modules and package all 3 as a professional certificate - a requirement for edX

- › The LF would cover the cost of the production and promotion
- › The course would be offered for free
- › The credit of the course will go to content creator and their organizations
- › Initial interested parties: IBM, AI for People, Montreal AI Ethics Institute, Ethical ML Institute
- › **To participate:**
<https://lists.lfai.foundation/g/aiethics-training>

Upcoming TAC Meetings

Upcoming TAC Meetings

- › **July 30:** Guest Presentations
 - › [OpenPower](#) - James Kulina (Executive Director)
 - › [ModelDB](#) - Conrado Silva Miranda (Verta.ai)

- › **August 13:** To be announced

Please send agenda topic requests to tac-general@lists.lfai.foundation

TAC Meeting Details

- › To subscribe to the TAC Group Calendar, visit the wiki: <https://wiki.lfai.foundation/x/XQB2>
- › Join from PC, Mac, Linux, iOS or Android: <https://zoom.us/j/430697670>
- › Or iPhone one-tap:
 - › US: +16465588656,,430697670# or +16699006833,,430697670#
- › Or Telephone:
 - › Dial(for higher quality, dial a number based on your current location):
 - › US: +1 646 558 8656 or +1 669 900 6833 or +1 855 880 1246 (Toll Free) or +1 877 369 0926 (Toll Free)
- › Meeting ID: 430 697 670
- › International numbers available: <https://zoom.us/u/achYtcw7uN>

Open Discussion

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