

**LF AI Foundation Technical Advisory Council (TAC) Meeting Minutes
March 25th, 2021 (6:00am - 7:00am PT)
via Zoom**

TAC Meetings are bi-weekly and open to all in the LF AI & Data community and visitors as well

Need 9/17 voting members in attendance for quorum (50%) requirement for voting

Member Company	TAC Voting Rep	Attendance
AT&T	Anwar Aftab	b Yes
Baidu	Ti Zhou	
Ericsson	Rani Yadav-Ranjan	b
Huawei	Huang Zhipeng	b Yes
IBM	Susan Malaika	
Nokia	Jonne Soininen	b Yes
SAS	Nancy Rausch	b Yes
Tech Mahindra	Nikunj Nirmal (Nat S.)	Yes
Tencent	Bruce Tao	
Zilliz	Jun Gu	b Yes
ZTE	Wei Meng	
Acumos AI Project	Nat Subramanian	Yes
Angel Project	Bruce Tao	
Egeria Project	Mandy Chessell	Yes (Radley)
Horovod Project	Travis Addair	b
ONNX Project	* Jim Spohrer	Yes
Pyro Project	Fritz Obermeyer	b Yes

*Chairperson

b = Need backups:

Aftab, Obermeyer, Jun, Soininen, Rausch, Yadav-Ranjan, Addair, Zhipengh

Please designate a backup for when cannot make the TAC meeting

See table here with backups listed for most TAC members

: <https://wiki.lfaidata.foundation/pages/viewpage.action?pagelId=7733341>

Many thanks for your help when you have a chance.

LF Attendees: Ibrahim Haddad, Jacqueline Serafin, Carly Driggers, John Mertic

Guests: Andre de Waal, Nathanael, Ofer Hermoni, Thor Chin, Alejandro Saucedo

Presenters: * Eric Boniface <eric.boniface@substra.org>

with * Camille Marini <camille.marini@owkin.com>

* Clément Mayer <clement.mayer@substra.org>

* Jérôme Chambost <jerome.chambost@apricity.life>

* Mathieu Galtier <mathieu.galtier@owkin.com>

Guests During 2021: Aarush Kumar (1), Alejandro Saucedo (3), Anand (1), Andre de Waal (6), Arun Nair (1), chad serino (2), Charlotte Hu (1), Dan Mennell (2), Eric Ball (LF) (1), George Snelling (1), Gleb Knerov (1), Han Ziao (1), honnix (1), huaxioman (1), katrina (1), Ivelin Ivanov (1), Jamil Chawki (1), Joaquin Digrazia (LF) (1), Justin DiGrazia (Salesforce) (1), Karen Ottoni (1), Kevin Wang (1), Ludan Stoeckle – BNP Paribas CIB (1), Luis Quintanilla (MSFT) (1), Nathanael (1), nelson (1), Nigel Jones (4), Ofer Hermoni (5), ouzhenguang (1), Patrick McGarry (2), Philippe Dooze (Orange), Ron Doyle (2), Shamim Reza (2), Thor Chin (4), Vishnu (3), Youkim Badr (1), ytong (1).

Agenda: Minutes Vote, RosaeNLG, Elyra

Roll Call (5 mins)

Approval of Minutes from Feb 25 (5 mins)

Incubation proposal (40 minutes)

 Substra Framework (Eric Boniface)

LF AI General Updates (5 minutes)

Open Discussion (5 minutes)

Minutes Proposal – 3/11

First motion Nat S., Second motion Nancy R.

 results: Approved, and no abstains or objections

Substra Framework Incubation Vote

First motion Susan M., Second motion Nancy R.

 results: Approved, and no abstains or objections

Note on Quorum

As LF AI is growing, we now have 17 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 cannot make it.

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

Upcoming TACs

April 8: Tentative: Adlik (ZTE)

April 22: Tentative: Whylogs

May 6: All project updates

Upcoming Events

March 24, 2021 – ONNX Community Meeting (in post event mode)

Aug 4-6, 2021 – OSS NA, Vancouver

Sept 29-Oct 1, 2021 – OSS Europe, Dublin

Open Discussion

Reminders to TAC Chair:

Get backups for TAC members

Send invitation to TAC members who do not have TAC call on their calendar

Chat:

00:28:50 Jim Spohrer: @Eric, @Mathieu, @Camille, @Clement, @Jerome - many thanks for joining and presenting today - people may ask questions here, or after the talk as well. Deploying a network of nodes is an interesting approach, a network of “responsible entities” it seems to me :-)

00:30:20 Nancy Rausch: Is the intent that the algorithms would be autotuned in each environment? This may be challenging without direct access to the data.

00:31:33 Eric Boniface (Substra Foundation): Good question - we'll come to it in the course of the presentation.

00:34:30 Nancy Rausch: This seems to be a very interesting and useful approach to aggregate knowledge across environments (similar to what the cloud providers are experiencing with health care offerings that they support across many health care organizations). The opportunity for enabling large scale public health policies across a large swath of a population is quite promising.

00:34:37 Jim Spohrer: datashim - is an incubation project that might help with the data read part

00:35:12 Jim Spohrer: @Nancy agreed - and Egeria seems relevant to me as well

00:35:55 Nancy Rausch: Agreed, Egeria would be very useful as the metadata exchange methodology.

00:35:57 david radley: I am wondering why the slides are labeled confidential? Is there anything confidential here?

00:36:23 Jim Spohrer: @Mathieu ^^

00:36:28 Mathieu Galtier (Owkin): no there is not

00:36:31 Jim Spohrer: ty

00:36:36 david radley: thanks

00:36:39 Mathieu Galtier (Owkin): this is included in the substra whitepaper

00:36:48 Mathieu Galtier (Owkin): just a basic Owkin template

00:36:49 Eric Boniface (Substra Foundation): It is reuse of existing slides (to save the pain of adapting the background template) :-)

00:37:04 Jim Spohrer: I will make a note in the minutes as well

00:40:34 david radley: It would be interested in how the sensitive assets are represented in metadata, including the granularity and how that maps to Egeria types.

00:41:00 Nancy Rausch: We have some projects and technologies in place that automatically prepare data (inspecting the data and making appropriate modifications to prepare it for modeling). This concept could assist automating some of the preparation tasks.

00:41:52 Nancy Rausch: Do you have or plan to incorporate any sort of bias detection into the algorithms?

00:42:35 Susan Malaika (IBM): How pervasively are REST API used in Substra vs other methods of communication? There is a group in LF-AI exploring EST APIs for AI - I notice you use REST API for model updates

00:43:03 Eric Boniface (Substra Foundation): Designing learning algos, federated learning strategies and the relevant model architectures is not part of the framework, which is an underlying layer. This stays a separate tasks for data scientists, as users

00:44:51 Eric Boniface (Substra Foundation): Maybe a context precision: the framework target usage is not to instantiate an open access network. It is rather to enable closed group collaborations of x1 - x10 partners

00:49:03 Jim Spohrer: Used for use cases with a few clients in a network

00:51:28 Susan Malaika (IBM): Alejandro : I think that Substra would make a great use case for RREPEATS principles - agree?

00:52:46 Jim Spohrer: We do need to wrap up the presentation in next 3-5 minutes to get to the TAC vote as well

00:55:19 Alejandro Saucedo: @Susan I think it would be an interesting one to explore for sure, the more case studies for the Trusted AI Principles the better :)

01:01:25 Nat - TechM: + 1

01:01:36 Ofer Hermoni: Congrats!

01:01:47 Ofer Hermoni: Welcome to the foundation!

01:01:53 Nancy Rausch: Very nice presentation, thank you.

01:02:02 Eric Boniface (Substra Foundation): Thank you very much! Exciting!

01:02:05 Nat - TechM: Congratulations + 1 Owkin & Substra team

01:02:19 Ibrahim Haddad: Congrats Substra team. Welcome to LF AI & Data

01:02:19 Susan Malaika (IBM): Hurrah! Congrats Team Substra

01:02:22 Camille Marini: Thank you :-) Super happy to join

01:02:23 david radley: Well done.

01:02:27 Mathieu Galtier (Owkin): thank you! :-D

01:02:38 Ibrahim Haddad: LF AI & Data team will follow up next week

01:03:53 Jim Spohrer: <http://bit.ly/lfai-trusted-ai-meetings>

01:04:11 Alejandro Saucedo: Here's the principles mentioned above

https://lfaidata.foundation/projects/trusted-ai/#fws_6026a1a784f15

01:04:17 Camille Marini: Unfortunately I am not available, but happy to join to the next one!

01:04:20 Susan Malaika (IBM): Reminder: LFAI North America Trusted AI Monthly Meeting

When: Thursday, 25 March 2021, 7:00am to 8:00am, (GMT-07:00) America/Los Angeles

Where: <https://zoom.us/j/7659717866>

01:04:47 Susan Malaika (IBM): Camille - I will invite you to next Principles call

01:04:54 Camille Marini: Thank you

01:05:06 Susan Malaika (IBM): Are you in the slack Camille?

01:05:18 Camille Marini: No I am not

01:05:30 Camille Marini: How can I join?

01:05:51 Susan Malaika (IBM): Camille <https://slack.lfai.foundation/>

LF AI & Data General Updates

Contact: Jim Spohrer (TAC Chair) and Ibrahim Haddad (ED, LF AI) to present

Project Updates

LF AI & Data Landscape reviewed

List of current projects noted, available here:

<https://landscape.lfaidata.foundation/format=card-mode>

Growing developer community

List of companies hosting projects in LF AI & Data

How to host a project in LF AI & Data

Hosted project stages and life cycle:

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

Offered services for hosted projects:

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

Upcoming Releases

For links to details on upcoming releases for LF AI & Data hosted projects visit the

Technical Project Releases wiki

Project releases will be announced via a blog post and promoted on LF

Project Graduation Opportunities: TBD

AI Twitter and/or LinkedIn social channels

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

Please email pr@lfaidata.foundation for more details and/or questions.

GB Committees: Outreach Committee Updates

LF AI 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@lfaidata.foundation

Please consider holding virtual events

To discuss participation, please email events@lfaidata.foundation

Upcoming Events - <https://lfaidata.foundation/events/>

PR/Comms Updates

Please follow LF AI & Data 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 & Data Blog

Open call to publish project/committee updates or other relevant content on the LF AI & Data Blog

To discuss more details on participation or upcoming announcements, please email

pr@lfaidata.foundation

Questions on participation details or upcoming announcements? Email pr@lfaidata.foundation

TAC Committees: Call to Participate in Ongoing TAC Committee Efforts

ML Workflow and InterOp

Slack conversation channel: #ml-workflow

<https://lfaifoundation.slack.com/archives/C011V9VSMQR>

Wiki: <https://wiki.lfaidata.foundation/display/DL/ML+Workflow+Committee>

To participate by email: <https://lists.lfaidata.foundation/g/mlworkflow-committee>

Trusted AI Committee

Slack conversation channel: #trusted-ai-committee

<https://lfaifoundation.slack.com/archives/CPS6Q1E8G>

Wiki: <https://wiki.lfaidata.foundation/display/DL/Trusted+AI+Committee>

To participate by email: <https://lists.lfaidata.foundation/g/trustedai-committee/>

BI & AI Committee

Slack conversation channel: #bi-ai-committee

<https://lfaifoundation.slack.com/archives/C01EK5ND073>

Wiki: <https://wiki.lfaidata.foundation/pages/viewpage.action?pageId=35160417>

To participate by email: <https://lists.lfaidata.foundation/g/biai-discussion>

Working Group: Ongoing Effort to Create AI Ethics Training – two hour video

To join conversation on Slack:

#edx_project <https://lfaifoundation.slack.com/archives/C015NJUMR3M>

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.lfaidata.foundation/g/aiethics-training>

Working Group: CI efforts

Contact: John Mertic and Eric Ball

Slack #ci-wg

<https://lfaifoundation.slack.com/archives/C01KXK9Q142>

TAC meeting details reminders

To subscribe to the TAC Group Calendar, visit the wiki: <https://wiki.lfaidata.foundation/x/XQB2>

Join from PC, Mac, Linux, iOS or Android: <https://zoom.us/j/430697670>

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