

Next Event:

8th ITU/WHO - "Focus Group AI for Health" Workshop & Meeting Brasilia, Brazil, 21-24 January 2020

[Attend](#) →

About us

The ITU/WHO Focus Group on "Artificial Intelligence for Health" is developing a standardized benchmarking framework for methods applying AI to health. Join us at the interface of AI, machine learning, medicine/healthcare, ethics, and regulation.

[Learn more](#) →

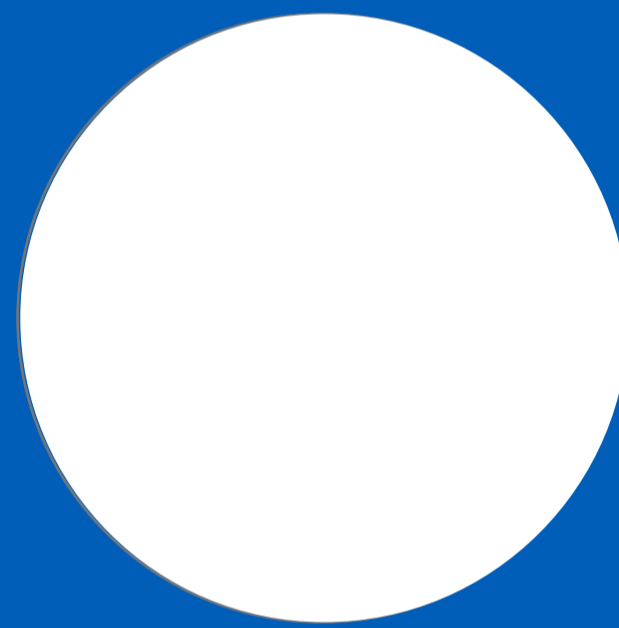


Goals and scope

The ITU/WHO Focus Group on "Artificial Intelligence for Health" is developing a standardized benchmarking framework for methods applying AI to health. The scope and process are described in a [white paper](#), a [commentary in The Lancet](#) and the [terms of reference](#).

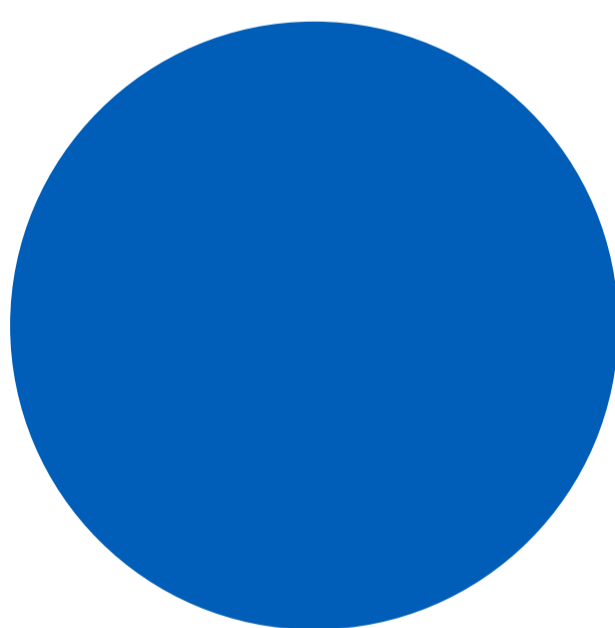


Management Team



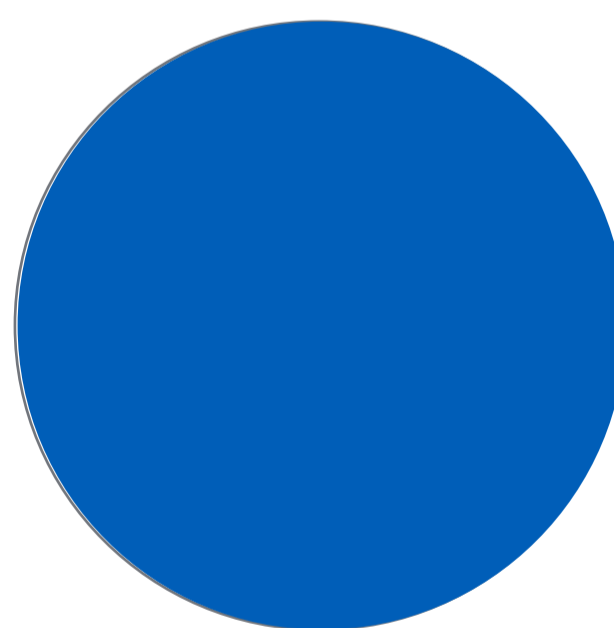
Thomas Wiegand

FG-AI4H Chairman
Fraunhofer HHI
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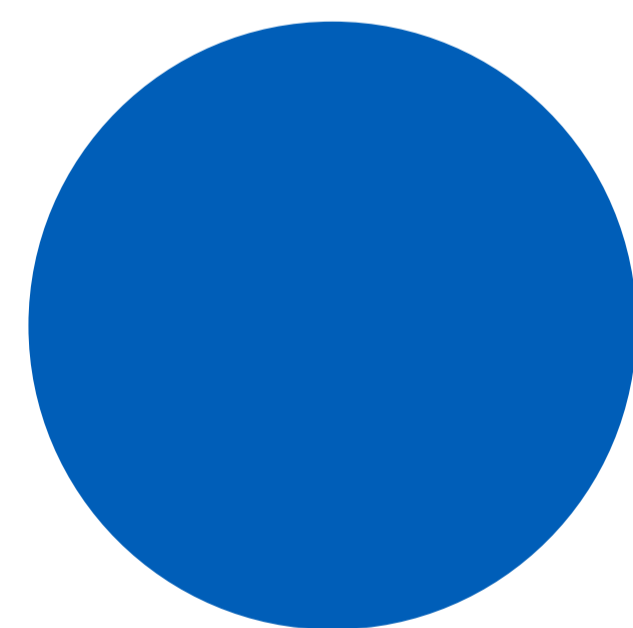
Naomi Lee

FGAI4H Vice-chairman
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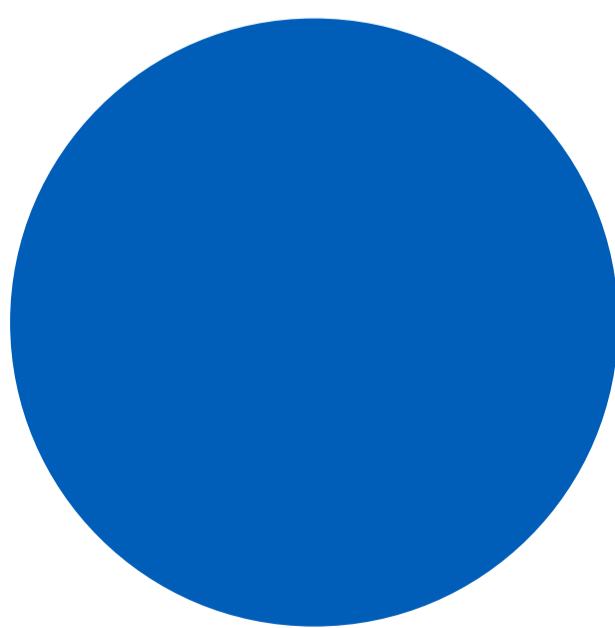
Sameer Pujari

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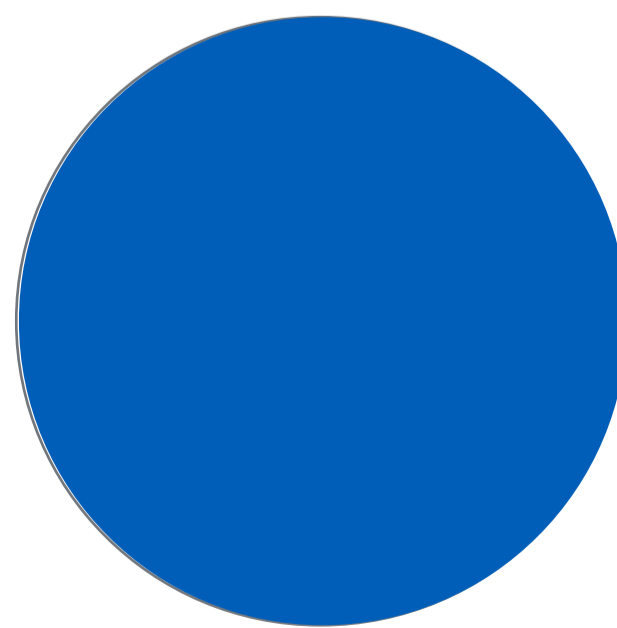
Shan Xu

FGAI4H-Vice-chairman
China Academy of Information
and Communications Technology



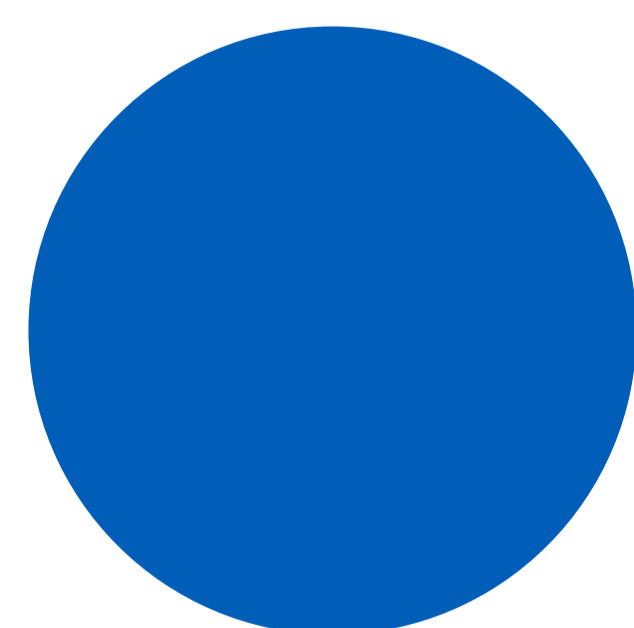
Ramesh Krishnamurthy

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Indian Council of Medical
Research



Stephen Ibaraki

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Learn more and join



WS&Meeting [?]

FG-AI4H holds workshops and meetings every several months at a new location, bringing together international experts. Attend the next event in person or via video conferencing.

[ATTEND →](#)



Mailing List [?]

Our general mailing list fgai4h@lists.itu.int is essential for communication within the group. Subscribe to the mailing list to receive updates and announcements and to communicate with other members.

[MAIL US →](#)



Groups

FG-AI4H activities are organized into working groups and topic groups. You are encouraged to participate!

[READ MORE →](#)



Collaboration [?]

The place where everything comes together! Here, documents from meetings are published, workspaces enable documents to be edited in a web browser, files are shared, and a calendar allows Zoom video conferencing rooms be booked.

[LOGIN →](#) ^{ITU}



Contribute [?]

FG-AI4H activities are document-based to ensure transparency. Anyone interested (and bearing an ITU account) can submit a written proposal to tsbfgai4h@itu.int using the template.

[SUBMIT →](#) ^{ITU}

^{ITU} [ITU Account required, register here!](#)

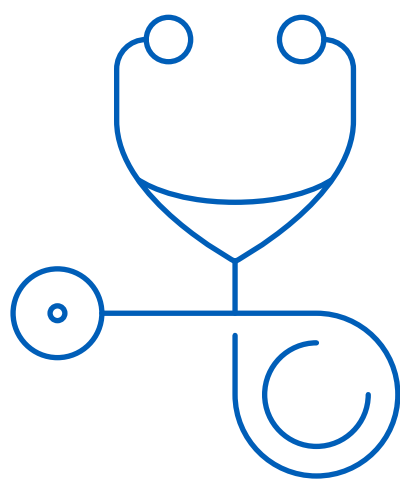
[?] [FAQ](#)

Groups



Topic groups are dedicated to specific health topics that could benefit from AI (e.g., the diagnosis of malaria from microscope images of blood smears). The members of each topic group specify how an AI model developed for this health topic can and should be benchmarked. For this purpose, they develop a topic description document (TDD) under the moderation of a topic driver. This “TDD” introduces the background of the health topic in the context of AI; specifies the proposed benchmarking procedure in full detail; and explains the structure, operations, and considerations of the topic group. Writing a TDD and implementing the benchmarking accordingly is the main goal of each topic group.

Working groups play a cross-cutting role and are dedicated to overarching themes.



Topic Groups

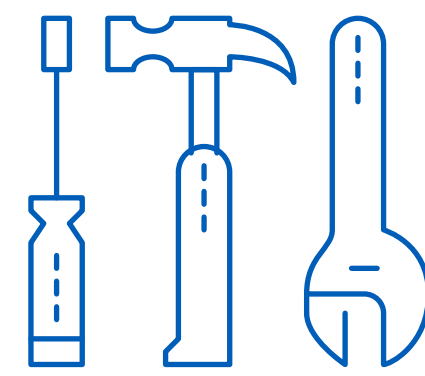
A topic group (TG) is a community of stakeholders from the medical field and a corresponding AI / ML domain with a shared interest in a specific topic. Each TG agrees upon representative benchmarking tasks in a pragmatic, best-practice approach, which can later be scaled and expanded to similar tasks.

Active topic areas

- [Cardiovascular disease risk prediction \(TG-Cardio\)](#)
- [Dermatology \(TG-Derma\)](#)
- [Falls among the elderly \(TG-Falls\)](#)
- [Histopathology \(TG-Histo\)](#)
- [Neurological disorders \(TG-Neuro\)](#)
- [Outbreak detection \(TG-Outbreaks\)](#)
- [Ophthalmology \(TG-Ophthalmology\)](#)
- [Psychiatry \(TG-Psy\)](#)
- [Snakebite and snake identification \(TG-Snake\)](#)
- [Symptom assessment \(TG-Symptom\)](#)
- [Tuberculosis \(TG-TB\)](#)
- [Volumetric chest computed tomography \(TG-DiagnosticCT\)](#)

Starting topic groups

- [Diagnoses of bacterial infection and anti-microbial resistance \(AMR\) \(TG-Bacteria\)](#)
- [Dental diagnostics \(TG-Dental\)](#)
- [AI-based detection of falsified medicine \(TG-FakeMed\)](#)
- [Maternal and child monitoring \(TG-MCM\)](#)
- [Malaria detection \(TG-Malaria\)](#)



Working Groups

Working groups (WGs) consider crosscutting subject matters that affect a specific aspect of an AI for health application like assessment methods, health requirements and regulatory considerations. They also work on the definition of best practices, establish processes and related policies, define ways to successfully benchmark AI for health algorithms and create reference documents.

- [Data and AI solution assessment methods \(WG-DAI-SAM\)](#)
- [Data and AI solution handling \(WG-DASH\)](#)
- [Operations \(WG-O\)](#)
- [Health requirements \(WG-HR\)](#)
- [Regulatory considerations on AI for health \(WG-RC\)](#)

Participate:

For participation in a topic group or working group, please send an email to the relevant contact person (topic driver or working group chair) and to our secretariat (tsbfgai4h@itu.int). You can find the email of the topic driver in the respective “Call for participation” on the left side. The secretariat can introduce you to the respective working group chair. In the email briefly introduce yourself, describe your relevant expertise, and explain your interest in the respective group you want to join. (You can also propose a new topic group as explained here.)

GET INVOLVED →

ITU

FAQ

Event

Our meetings occur about every 2 to 3 months at different locations worldwide. Hereby local experts from different countries get on board and the project is growing globally. Furthermore, it offers a perfect opportunity to exchange and network with other members personally or remotely via zoom, get inspired and stay up-to-date.

How can I attend the event?

There are 3 options how to join the event:

- [Watch online](#): You can attend remotely via the internet, with a zoom-link presented a few days before the event on our website.
- [Attend and listen](#): It is also possible to attend the workshop and listen to the presentations at the workshop and meeting.
- [Contribute and present](#): If you contribute a new topic to our FG-AI4H you have to attend the workshop and present your topic for general discussion.

Where can I register for the event?

For each opportunity you will need to register via your ITU-Account. Participation is free of charge and open to all. Follow the instructions listed below:

- Visit <https://www.itu.int/en/ties-services/Pages/login.aspx>
- Select "I am a new user" (next to "Logon").
- With "Create your user Account as", select one of the listed options.
If you don't know about the ITU status of your organization, simply select "Non-ITU-Members - Media and Other Organizations"
- Select "Create", enter the details and complete the ITU user account registration.

[NEXT MEETING →](#)

Contribute

The working method of the FG-AI4H is based on documents to ensure transparency. Members can submit documents to the meetings, where they are expected to present the document and discuss it with the other FG-AI4H members. All documents are published on our Sharepoint

How can I submit a document?

If you want to submit a document on any subject matter, follow these instructions and please keep in mind the deadline

- Use this template for your document submission:
<https://www.itu.int/en/ITU-T/focusgroups/ai4h/Documents/FGAI4H-Doc-template.docx>
- Submit your document by e-mail to: tsbfgai4h@itu.int
- Submit a Word file, not a PDF

How can I propose a new "AI for Health" topic?

Follow the instructions in the document "Updated Call for Proposals: Use Cases, Benchmarking, and Data"

- https://www.itu.int/en/ITU-T/focusgroups/ai4h/Documents/FGAI4H-F-102-CfP_UC_Benchm_Data.pdf.
- Respond to the eleven questions listed in the document and submit the document to tsbfgai4h@itu.int
- Present the new topic (optional accompanied by PowerPoint or PDF slides) at the next meeting and discuss it with the FG-AI4H-audience

[MAIL US →](#)

Our Work

The entire documents of all meetings are kept in-store at the Sharepoint. Here, FG-AI4H members can use dedicated work-spaces for file sharing and collaborative document editing (similar to "Google Drive/Docs").

How can I get access to the Sharepoint?

Select the link below and login with your ITU-User account:

<https://extranet.itu.int/sites/itu-t/focusgroups/ai4h/SitePages/Home.aspx>

How can I create a file for my WG-or TG group in the Sharepoint?

On the left side of the Sharepoint, you will find folders for "topic groups" and "working groups"

Topic drivers and working group chairs can upload, create and edit the files and give other users edit rights using the "Share" button. The topic driver/working group chair can select the specific persons.

Everyone with an ITU user account can view the files and can get granted access.

How can I organise a meeting via 'zoom' for collaboration and exchange?

Use our Zoom meeting room for online meetings via this link <https://itu.zoom.us/my/fgai4h>

Topic drivers and Working Group chairs are responsible for booking the meeting room

Choose an available time slot in the calendar in the Sharepoint and enter your meeting directly in the calendar (Time zone: CET)

[REGISTER →](#)

Groups

The centerpiece of our work is organized in so - called Working - and Topic Groups that generate the main deliverables in the form of documents. Both groups are interconnected and controlled mutually.

Topic Groups (TG) process a specific relevant health topic (e.g. Malaria) with associated AI solutions to perform the benchmarking for this topic.

Working Groups (WG) play a cross-cutting role and take care of e.g. operational tasks, definition of best practices, establishment of processes and related policies, creation of reference documents.

How can I participate in one of the existing topic groups?

Visit our website <https://itu.int/go/fgai4h>, select the topic group you want to join

Each topic group has its own page on our website where you find more information in a "Call for Topic Group Participation" including instructions how to "Get involved"

Once you are a member of the topic group of your interest, you can contribute to the work of the topic group, which is centered around the writing of a topic description document, as main outcome and deliverable of each topic group

The process is moderated by a so called "topic driver". The time and effort you want to allocate can be arranged individually.

Several topic groups communicate over separate mailing lists. You can subscribe to the mailing list of your choice on <http://itu.int/go/fgai4h-lists>.

How can I participate in a working group?

You can ask our secretariat (tsbfgai4h@itu.int) for an introduction to the respective chair of the working group of your interest. Please use a descriptive e-mail subject (e.g. "Participation in working group X"), briefly introduce yourself, describe your relevant expertise, and explain your interest in the working group.

[SUBSCRIBE →](#)

Mailing list

Our general mailing list is essential for communication and collaboration within the FG-AI4H. Subscribe to the mailing list to receive updates, announcements and to communicate with other members.

How can I subscribe to the mailing list?

Subscribe by this link <http://itu.int/go/fgai4h-lists>, select "fgai4h" mailing list and "subscribe".

Now you can take part in the communication by fgai4h@lists.itu.int.

Register for ITU Account

An ITU user account is required to register your interest in the AI for health activities.

How to?

- Visit the ITU User Account Log-in page and select "I am a new user".

If your organization is not an ITU member, choose "**Non ITU members**"

If your organization is an ITU member, select the right category (Attention! The Academia bullet is only for Academia members).

- Fill in the rest of the information. Once completed, you will immediately receive an email to activate your ITU user account.

- Log-in and complete the form to register for the AI for FG-AI4H meeting

- You will receive a confirmation email that you have been registered to the meeting

[REGISTER →](#)

Next Event

8th FG-AI4H Meeting & Workshop

PAHO, Brasilia, Brazil, 21-24 January 2020

At the kind invitation of the Pan American Health Organization (PAHO), and in collaboration with the International Telecommunications Union (ITU) Regional Office for the Americas, the eighth ITU and World Health Organization (WHO) workshop on “AI for Health” will be held on 21 January 2020 followed by the eighth meeting of the ITU-T Focus Group on Artificial Intelligence for Health (FG-AI4H) from 22 to 24 January 2020. Both events will take place at the same venue in Brasilia, Brazil.

Agenda:

[21 Jan.: 8th ITU/WHO Workshop](#)

[22-24 Jan.: FG-AI4H Meeting](#)

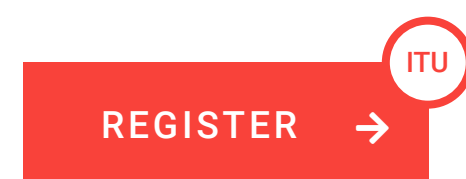
Deadlines:

[Travel grants: 17 Dec 2019](#)

[Visa support letter: 17 Dec 2019](#)

[Registration: 7 Jan 2020](#)

[Doc. submission: 14 Jan 2020 @ 23:59 CET](#)



Future Events:

[9th: Singapore, 16-20 March 2020 \(TBC\)](#)

[10th: Geneva, 4-8 May 2020 \(TBC\)](#)

[Previous events](#)