The 5th IERE Webinar

Webinar on AI Collaboration Project

March 24, 2022
12:00–14:00 (UTC)

Webinar on AI Collaboration Project

In recent years, Artificial Intelligence (AI) technology has been developing rapidly. AI technology has widely supported our daily lives. The application of AI technology is also advancing in the field of the electric power industry. The purpose of this webinar is to share actual examples of AI applied technology development for solving problems in the field through joint research by IERE members.

ONLY IERE Members, FREE of Charge

In this webinar, ONLY IERE members are invited. It is FREE of charge. Your participation is very welcome. JOIN US and get information about the latest IERE's activities.

You will need your member ID and password to proceed to the webinar registration page. The ID and password can be set by the participants themselves.
If you haven't set it up yet, please visit this page first.

Webex Registration for Both Onsite-Webinar and VOD

The webinar will use the Webex Meetings system and be recorded on the system. VIDEO ON DEMAND will be available after the webinar.
Webinar registration is required whether you are attending the webinar or watching the video footage later.

What is AI Collaboration Project?

The AI collaboration project aims to solve various issues of members with AI and share know-how in development among the participating members.

Four teams were formed, each consisting of a Data Provider and Application Developer, tackling each "Use Case." A Data Provider is an IERE member who has a problem to solve and literally provides a large amount of data related to the problem, and an Application Developer is a member who develops an AI program to solve the problem.
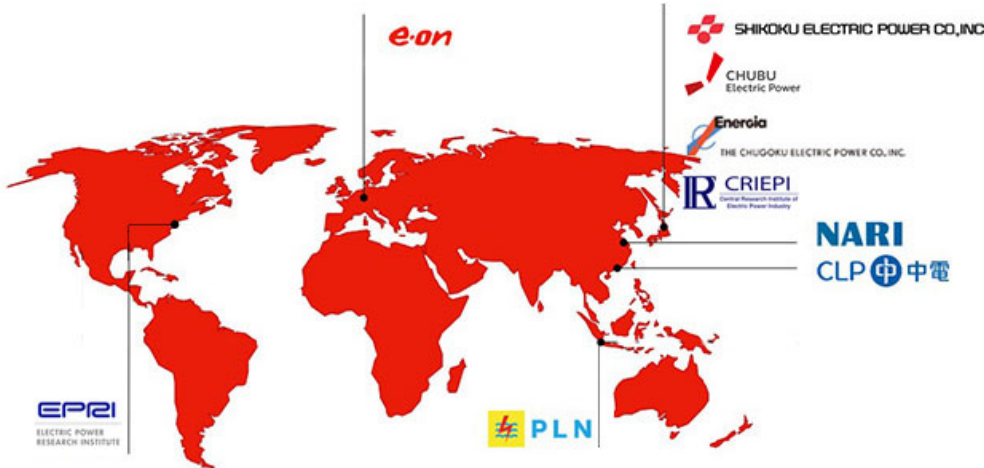
Members ONLY
Register for Free

Feedback Survey

TIPs for Attendees

中電科技研究院
CLP Research Institute

e·on

EPRI
ELECTRIC POWER
RESEARCH INSTITUTE

CHUBU
Electric Power

Energia
THE CHUGOKU ELECTRIC POWER CO., INC.

Data Use Cases	Application Developers	Data Providers
Defect detection of high voltage electric transmission insulators	CLPRI	EPRI
Detection of abnormal signs in hydropower plants	CRIEPI	Shikoku EPCO
Short term load forecasting	NARI	PLN
Optimum Pole Transformer Capacity	Chubu EPCO	Chugoku EPCO

CLP and E.ON. were co-leaders and the project started in April 2020. It continued until the participating-member-exclusive online meeting to share the results was held in November 2021. This webinar will present some of the results reported at that meeting.

Click here for details on the AI Collaboration

Program

Program (UTC)
March 24, 2022 12:00–14:00 (UTC),

Opening

12:00–12:05 (UTC) Opening Address

Mr. Tetsuo Matsumura
Advisor of IERE Central Office

Project Outline

12:05–12:10 (UTC) Outline of the AI Collaboration Project

Dr. Cheuk Wing Lee, CLP
Co-leaders

Summary of Results (25 min/ each topic including Q&A)

12:10–12:35 (UTC) Defect detection of high voltage electric transmission insulators

Mr. Edward Kam Wong Chan, CLP

12:35–13:00 (UTC) Detection of abnormal signs in hydropower plants

Dr. Teruhisa Miura, CRIEPI

| 13:00–13:25 (UTC) | Short term load forecasting |
| | Mr. Jixiang Lu, NARI |

| 13:25–13:50 (UTC) | Optimum Pole Transformer Capacity |
| | Mr. Masaya Oirase, Chubu EPCO |

Next Project

13:50–14:00 (UTC)	Introduction of the next project
	Dr. Cheuk Wing Lee, CLP
	Co-leaders

Closing

	Closing
	Dr. Takao Watanabe
	IERE Secretary General

Time Zone

The webinar will take place at 12:00 in UTC (GMT). Please make the proper time zone conversion to match the start time in your area.

UTC -7:00	5:00–7:00 AM	Vancouver
UTC -5:00	7:00–9:00 AM	San Antonio
UTC -4:00	8:00–10:00 AM	Montreal
UTC +1:00	1:00–3:00 PM	Amsterdam, Brussel, Essen, Johannesburg, Paris
UTC +8:00	8:00–10:00 PM	Beijing, Singapore
UTC +9:00	9:00–11:00 PM	Seoul, Tokyo
UTC +10:00	10:00–12:00 PM	Brisbane

Register

Registration

FREE of Charge
In this webinar, ONLY IERE members are invited for FREE of charge.

ONLY IERE Members
You will need your member ID and password to proceed to the webinar registration page. The ID and password can be set by the participants themselves.
If you haven't set it up yet, please visit this page first.
If you want to change your password, please proceed with the following steps.
If you are unsure of your eligibility, please contact us
    "office(at)iere.jp". [Please substitute (at) with @]

Webex Registration for Both Onsite-Webinar and VOD
To join the webinar, you need to register. Please press the registration button. You will be automatically transferred to the Webex Meetings registration site, so please fill in the necessary information and register there.

Then, the Central Office sends a registration confirmation email, please join the webinar by the link on that email. If you do not see the email in your inbox, please check your junk mail folder.

Please join the webinar 5–10 minutes earlier to avoid the last minute problems.

MUST-READ

TIPs for Attendees
Be Prepared Before Webinar Starts

Review our webinar tips for attendees and avoid technical issues by testing Webex Meetings on your device prior to the day of the webinar.

Testing Webex Meetings

Join a Test Meeting prior to the day of the webinar:

Finding Chat Box

The Chat Box can be opened through your Webex menu. This is used for submitting your content-related questions anytime. Please specify which presenter the question is for. During the Q&A time, the moderator will select the posted questions and the presenter will answer them. In addition, technical questions about webinar connections such as images and sounds can be put in the Chat Box. The staff of the Central Office will support you. If you have any questions before starting the webinar, please email to "office(at)iere.jp". [Please substitute (at) with @]

Webinar Recordings

The webinar is recorded on the Webex system and is to be on demand. Webinar registrants will be able to view the video footage after the webinar ends.

Request for Feedback Survey

The Central Office would like to hear your feedback so we can keep improving our logistics and content. Please fill this quick survey and let us know your thoughts (your answers will be anonymous).

IERE Central Office　　　2-11-1 Iwado-Kita, Komae-shi, Tokyo 201-8511 Japan
TEL : +81-3-5438-1717, FAX : +81-3-3488-5100