RISC-V Days Tokyo 2021 Spring

Prospectus

RISC-V Alliance Japan

rev. 2021-2-18

1. RISC-V Days Tokyo Features

RISC-V Days Tokyo is Japan's largest live online RISC-V event, featuring presentations, virtual demo booths, and an online press conference. RISC-V Days Tokyo aims to bring together leading RISC-V technologies and products, key persons and engineers, and to provide business opportunities for product recognition, collaboration among companies, technology exchange and information gathering. Last year's Day Tokyo 2020 attracted a total of 1,053 participants from 11 countries (Japan, Sweden, the United States, Taiwan, France, China, Russia, the United Kingdom, Switzerland, Vietnam, and Denmark).

2. Dates and Time

April 22 (Thu), 2021 9:00 ～ 17:00 JST（Japan Standard Time・GMT+9）
April 23 (Fri), 2021 9:00 ～ 17:00 JST（Japan Standard Time・GMT+9）

Related Websites

Registration: TBD (peatix.com)
Website: TBD (http://riscv-association.jp)
Facebook: https://www.facebook.com/riscv.a/
Twitter: https://twitter.com/riscv_a
Meetup: TBD (https://www.meetup.com/ja-JP/RISC-V-Group-Tokyo/)

3. Contents of the Event

The event will follow the format of the successful two-day RISC-V Days Tokyo 2020, with a technical presentation track, virtual demo booths by sponsors, and an online press conference two days before the event. The schedule of RISC-V Days Tokyo 2020 is available here for your reference.
Sponsor companies will be provided with the following exposure opportunities:

- **Presentations and Talk Slots (corporate sessions)**
- **Virtual Demo Booth**
- **Press Conferences**

3.1 Presentations

Depending on the type of sponsorship, a 20-30 minute talk slot will be offered. The talk will be delivered remotely. The speaker connects to the broadcasting system through a standard browser and sends images and audio. Vimeo's live streaming service, which is known for its high quality delivery, is used for live broadcasting, together with its professional-grade broadcasting studio software. To ensure the smooth running of the program, we plan to have two moderators, two operators, two staff members to handle questions from the audience, and three staff members to monitor the live quality.

3.2 Virtual Demo Booth

The virtual demo booth is a place where demonstrations are shown to the public via live streaming. It is a great opportunity for attendees to ask questions and interact directly with the demonstrators, and to receive explanations about the technology in depth. The delivery of the virtual demo booth itself will be provided by the sponsor companies themselves. At RISC-V Days Tokyo, we will prepare a demo introduction page that summarizes the contents of each demo booth for attendees. The booths will also be introduced during the talk sessions and at the press conference. From the demo description page, attendees will be able to connect to the live demo the sponsor has prepared, as well as download the demo description PDF and watch the demo movie. In addition, a "private message" feature will be provided to allow attendees to send individual questions privately to the demonstrator.

3.3 Press Conferences

A Virtual Press Conference is planned two days before the event where press packets, short presentations, and Q&A can be distributed. Platinum and Silver sponsors as well as government agencies are invited to attend. Please refer to the separate Press Conference Guide for details.

4. Sponsorship Types and Attendee Registration Fees

Sponsor Contact

Yasuyuki Saito Email: yasuyuki.saito@swhwc.com Phone: +81-3-3833-3717
RISC-V Alliance Japan 7-18-13-502 GInza, Chuo-Ku, Tokyo, Japan 104-0061

Sponsorship Types

RISC-V Day Tokyo 2021 Spring 4/22-23 Sponsorship (in U.S. Dollars)			
Sponsorship Types	**Talk Time**	**Capacity**	**Cost**
Platinum	30 minutes	6	$5,000
Silver	20 minutes	12	$2,500
Virtual demo booth Sponsor	8 hours x 2 days	24	$1,500

RISC-V Day Tokyo 2021 Spring 4/22-23 Sponsorship (in Japanese Yen)			
Sponsorship Types	**Talk Time**	**Capacity**	**Cost (incl. Consumption tax)**
Platinum	30 minutes	6	￥599,500
Silver	20 minutes	12	￥299,750
Virtual demo booth Sponsor	8 hours x 2 days	24	￥179,850

Attendee Registration Fees

RISC-V Day Tokyo 2021 Spring 4/22-23 Registration Fees	
Type of Tickets	**Registration Fee**
General Admission	Free
Students	Free
Registration URL: TBD （https://peatix.com/）	

5. Details of Sponsorship

Participant List Sharing

Platinum and Silver sponsors will be provided with a list of participants. However, in order to comply with the European GDPR, participants will be notified in advance that the list will be shared with Platinum and Silver sponsors, and participants may opt out of this sharing. We also ask that you keep the list of participants for your own internal use and do not share it with third parties.

Platinum Sponsorship

1. Post the logo and company introduction on the web and press announcements
2. 30 minutes live talk delivery via VimeoLive
3. Presentation Q&A: Use Twitter and Slack
4. Share participant list
5. Maintain website for at least 18 months
6. Put the session video on Youtube and put the link on the web
7. Attendance to the press conference
8. Two virtual booths web, hashtags and pointers to online demonstration

Silver Sponsorship

1. Post the logo and company introduction on the web and press announcements
2. 20 minutes live talk delivery via VimeoLive
3. Presentation Q&A: Use Twitter and Slack
4. Share participant list
5. Maintain website for at least 18 months
6. Put the session video on Youtube and put the link on the web
7. Attendance to the press conference
8. One virtual booth web, hashtags and pointers to online demonstration

Virtual Demo Booth Sponsorship

1. Post the logo and company introduction on the web and press announcements
2. Please use our own video distribution and webinar for the virtual booth
3. Presentation Q&A: Use Twitter and Slack
4. Demonstration explanation PDF document distribution, introduction of the demo video
5. Corporate contact button options
6. Maintain website for at least 18 months

6. Details on How To Conduct the Event

6.1 Presentation

According to feedback from RISC-V International corporate members who are already doing online conferences, physical conferences (meetings and sessions in real conference rooms and venues) can be expected to be successful because of the presenter's and audiences' direct interactions, but online conferences require more specificity in the content and the usefulness of the content information. Usefulness of the content information is essential. Questions about the presentation can be asked via Slack and Twitter, with a Hashtag assigned to each talk. Alternatively, the speaker can set up a Twitter account and ask questions to that account via @.

1. Live streaming using Vimeo Live (scale: 1,000 people)
2. For each presentation, we will provide a moderator, on-screen voice control, and a live Q&A monitoring staff.
3. We arbitrate questions from the audiences.
4. The moderator will invite the presenter as a guest and will facilitate the introduction, presentation and Q&A.
5. The audience can add comments live. The number of audiences will be displayed on the live screen.

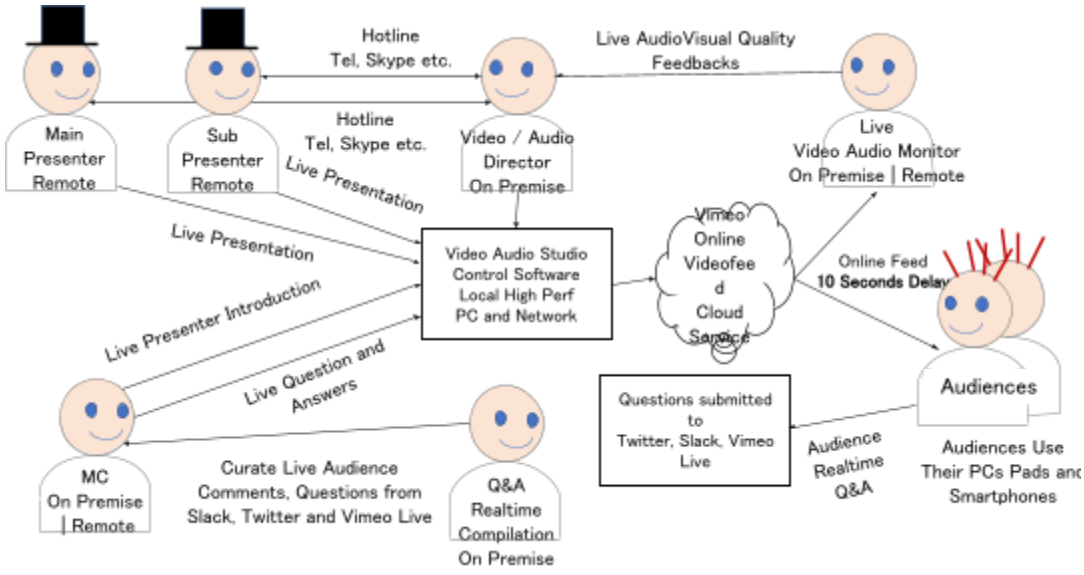


Fig.1 Online Live Operation Diagram

Fig. 2 On-Premise Studio Views（RISC-V Days Tokyo 2020 11/5-6）

6.2 Virtual Demo Booth

The virtual demo booth will be distributed to the public free of charge and advertised in advance. To promote commercial activities of RISC-V during the blockade period, individual conversations with potential customers, which were an important part of the physical conference, will be available online. RISC-V Day provides a portal site for virtual demonstration booths to attract and guide visitors to the video conference where the demonstration will be held. RISC-V Day will provide a portal site for the virtual demo booth to attract and guide visitors to the video conference where the demo will be held. The virtual demo booth provides two opportunities: a public show and an open Q&A opportunity. The other is a chance to have a private conversation with potential customers. A virtual demo booth portal will be created by the organizer, and the management of the demo and demo booth will be left up to each company. To see how the virtual demo booth portal looks and behaves in a simulated way, please visit Day Tokyo 2020 virtual demo booth portal page: http://riscv-association.jp/en/riscv-day-tokyo-2020-en/virtual-booths-details/#SHC (please note that there is a possibility of slight changes in the design).

The virtual demo booth portal includes (1) a demo title at the top, (2) a brief image showing an overview of the demo, such as a block diagram, (3) a demo description, (4) a "Live Demo" button that takes attendees to the sponsor's webinar window, and (5) a "Demo PDF" button that allows attendees to download the sponsor's PDF document explaining the demo. (6) "Private Talk" button that allows attendees to send a private email to the RISC-V product supplier.

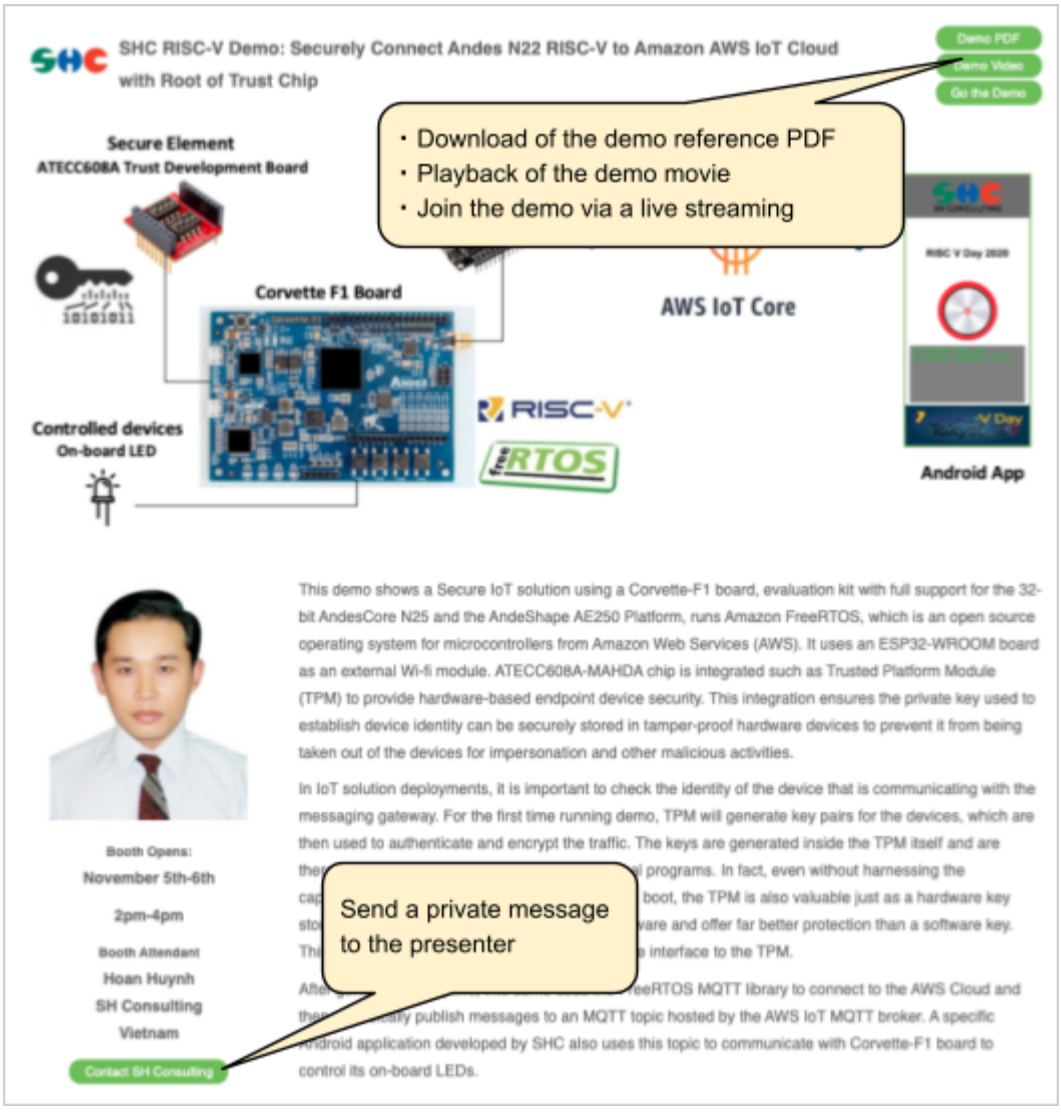


Fig. 3 An Example of Virtual Demo Booth PortalPage

7. Background Information

RISC-V Days Tokyo 2020 Sponsor Companies and Organizations

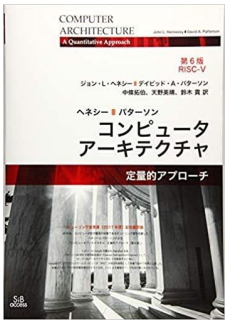
Attendee Fee History

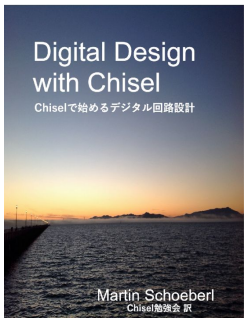
Attendee Registration Fee per Person			
Year	**Place**	**Attendees**	**Cost**
2017 Tokyo	Ito Hall, Central Tokyo	218	4,500 JPY
2018 Tokyo	Fujiwara Hall, Kanagawa	180	4,000 JPY
2018 Fukuoka	IEEE, Westin Hotel, Fukuoka	140	IEEE Fee
2019 Tokyo	Hitachi Baba Hall	360 (sold out)	4,000 JPY
2020 Vietnam	Online	140	100,000 Dong
2020 Tokyo	Online	1,053	無料

RISC-V Conference Publication History

RISC-V Related Conference Collaterals RISC-V Tokyo			
Year	**Translated Materials**	**Author**	**Price**
2018 Tokyo	RISC-V Reader Japanese Translation (distributed free for paid attendee)	Waterman, Patterson	3,240 JPY
2019 Tokyo	Quantitative Approach RISC-V Version Japanese Translation (70 copies sold	Hennessey Patterson	8,000 JPY

	out at conference)		
2020 Vietnam	Digital Design with Chisel English Edition PDF distribution via Web・ Related Talk in the conference	Martin Schoeberl	Free
2020 Tokyo	Digital Design with Chisel Japanese Translation PDF distribution via Web	Martin Schoeberl	Free





RISC-V Days Past Results

RISC-V Days is an opportunity for RISC-V suppliers to promote their technologies and present their RISC-V research. The purpose of RISC-V Days Tokyo is to bring together excellent technologies and products related to RISC-V, as well as key persons and engineers.

RISC-V Days Tokyo was held at the Itoh Gratitude Hall of the University of Tokyo at the request of RISC-V International (then RISC-V Foundation) in 2017, at the Hiroshi Fujiwara Memorial Hall in Hiyoshi, Keio University and IEEE Fukuoka in 2018, and at the Hitachi Baba Memorial Hall in Hitachi, Ltd. The 2020 conference was the first to be held online, with a total of 1,053 participants from 11 countries attending the two-day event.

RISC-V Days 2021 Priorities

In just five years since 2014, RISC-V has been adopted in several 5G mobile baseband chips, conquered wearables in Taiwan, Korea, and China, and is making inroads into the automotive, server, and HPC fields. The theme of the 2021 RISC-V Days is "RISC-V in 5G Mobile, Wearable, Automotive and Server HPC -- Expanding Research Areas and Applications in the Post-5G Era." APAC engineers who promote RISC-V will contribute to RISC-V locally. In Year 2021, we will continue to hold conferences in cooperation with a local engineering organization in Vietnam, incorporating new approaches.

10 BIG RISC-V News from 2020

RISC-V has changed the landscape of the CPU hardware in just five years since 2014 because it can be implemented with lightweight IP contracts and its software stack is fully supported. 2020's 10 biggest RISC-V news are:

1. VDC Research estimates RISC-V shipment volume to grow at 38% annually from 2018-2023 https://www.vdcresearch.com/images/pr/2020/march/RISC-V-03-30-20.html
2. SiFive announces a development board for building Linux PCs based on RISC-V. https://xtech.nikkei.com/atcl/nxt/news/18/09109/
3. Renesas Adopts RISC-V 32-Bit CPU Core for Development of RISC-V-based ASSP https://www.renesas.com/jp/ja/about/press-room/renesas-selects-andes-risc-v-32-bit-cpu-cores-its-first-risc-v-implementation-assps
4. Samsung Mobile starts shipping handsets with RISC-V in '5G' baseband https://defence.pk/pdf/threads/samsung-to-use-pakistan-origin-sifive-risc-v-cores-for-socs-automotive-5g-applications.679010/
5. RISC-V Flash Microcomputer Wins European Embedded World Embedded Award in Hardware Category https://www.embedded-world.de/en/news/press-releases/winner-embedded-awards-0dhccwe30m_pireport
6. Global membership of RISC-V International more than doubles from the previous year to over 1000 members https://riscv.org/announcements/2020/12/risc-v-international-reports-another-strong-year-of-growth-with-new-technical-milestones-educational-programs-risc-v-adoption-and-more/
7. World's First Open Source Process Design Tool (PDK) Released by Google Using RISC-V https://chipsalliance.org/blog/2020/06/29/open-source-process-design-kit-from-google-skywater-technologies-and-partners-released/
8. ARM acquisition by nVIdia accelerates RISC-V adoption https://www.itmedia.co.jp/news/articles/2010/12/news069.htmlhttps://www.itmedia.co.jp/news/articles/2010/12/news069.html
9. RISC-V solutions for Artificial Intelligence, Machine Learning, and Deep Learning applications continue to emerge https://www.microcontrollertips.com/risc-v-artificial-intelligence-machine-learning-embedded-systems-faq/
10. RISC-V-based technology research associations formed one after another under METI's leadership https://iotnews.jp/archives/157568https://iotnews.jp/archives/157568

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