

SSDM2021

Audience's Manual

1. SSDM2021 content and general precautions p.2–3
2. Used tools and advance preparations p.4–6
3. Process during conference and logging into Confit p.7–9
4. Searching a session p.10–12
5. Viewing video on demand p.13–14
6. Participating in live stream p.15–20
7. Virtual Exhibition p.21
8. Private Message p.22–25

Content of SSDM2021

Sessions include the following formats:

- Plenary (September 7, AM) LIVE presentation and Q&A; On-demand Video available after session until Sept. 17
- Invited (September 7, PM ~) LIVE presentation and Q&A
- Regular (September 7, PM ~) On-demand Video (available between Sept. 6–17);
LIVE short presentation and Q&A
- Short course (September 6) LIVE presentation and On-demand Video (until Sept. 17) [registration required]
- Panel discussion (September 6) LIVE presentation [free of charge]

Virtual exhibitions [corporate introduction/material distribution/introduction of staff] are available during SSDM2021.

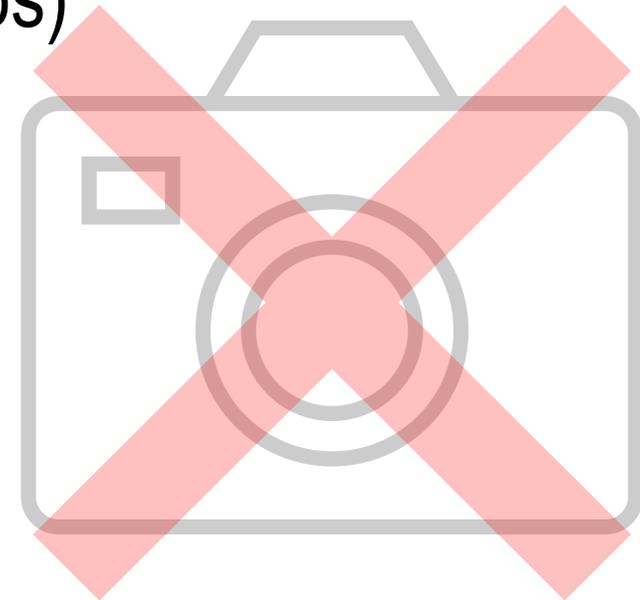
Subsequent slides explain about advance preparations and how to view each session.

General precautions about SSDM

You are not allowed to:

- Save (including screenshots and photos)
- Record audio
- Record video
- Redistribute

the images and presentations you view.



Tools used in SSDM2021

SSDM2021 will use the following two tools:

- ◆ Confit: Online event platform used in this conference
- ◆ Zoom: Online meeting tool to audit live streams

(Reference: Zoom's test meeting website <https://zoom.us/test>)

First, check your [internet connection](#).

- We recommend hardwired or high-speed Wi-Fi internet connection

Note: Web proxies and streaming service usage limitations may prohibit you from connecting to the tools.

Please check in advance.

Advance preparations

You need the following device and software:

- Windows, Mac, Linux, Android, iOS (including smartphones/tablets)
- Web browser (Google Chrome, Edge, and Safari recommended)

To join live sessions, you need the following app and accessories:

- Zoom app (see note)
- Speaker and earphone
- Microphone (required when joining Q&A session)

Note: Install dedicated software to your device.

(You can start up Zoom from web browsers, but they are more likely to cause issues.)

Key points on live stream website

- Always test the audio when you connect to Zoom.
- Turn your microphone and camera off when you are not asking questions or commenting.
- Set your Zoom username to something the Chair can recognize easily.
- If there's anything you wish to check with the host or chair, use the chat function.

See page 17 of
this manual

Process during conference

- ➔ From Confit, find a session you're interested in
- View video on demand (only general presentations are uploaded in advance)
- Enter live stream website and view presentation (and join Q&A session)
- Leave session

There are several ways to access the session you are interested in, but shared here is how to do the following after logging into Confit:

1. Show schedule
2. Choose session you are interested in
3. View video in session on demand
4. Join live stream website (Zoom)

Accessing Confit



2021 International Conference on Solid State Devices and Materials



- Home
- General Info
- Program
- Authors
- Attendees
- Sponsors

INTERNATIONAL CONFERENCE ON
SOLID STATE DEVICES AND MATERIALS
September 6-9, 2021 **25 DAYS 7 HOURS 5 MIN 11 SEC**
ALL-VIRTUAL Conference

SSDM2021 September 6-9, 2021
SSDM covers a broad spectrum of topics related to solid state devices and materials

- Short Course
Monday, September 6, 2021
- Plenary Sessions
- Online Registration

SSDM2021 website
(<http://www.ssdm.jp/index.html>)
Click on the link featured on the top page.

Note: This button is also on the
"How to Attend" page.

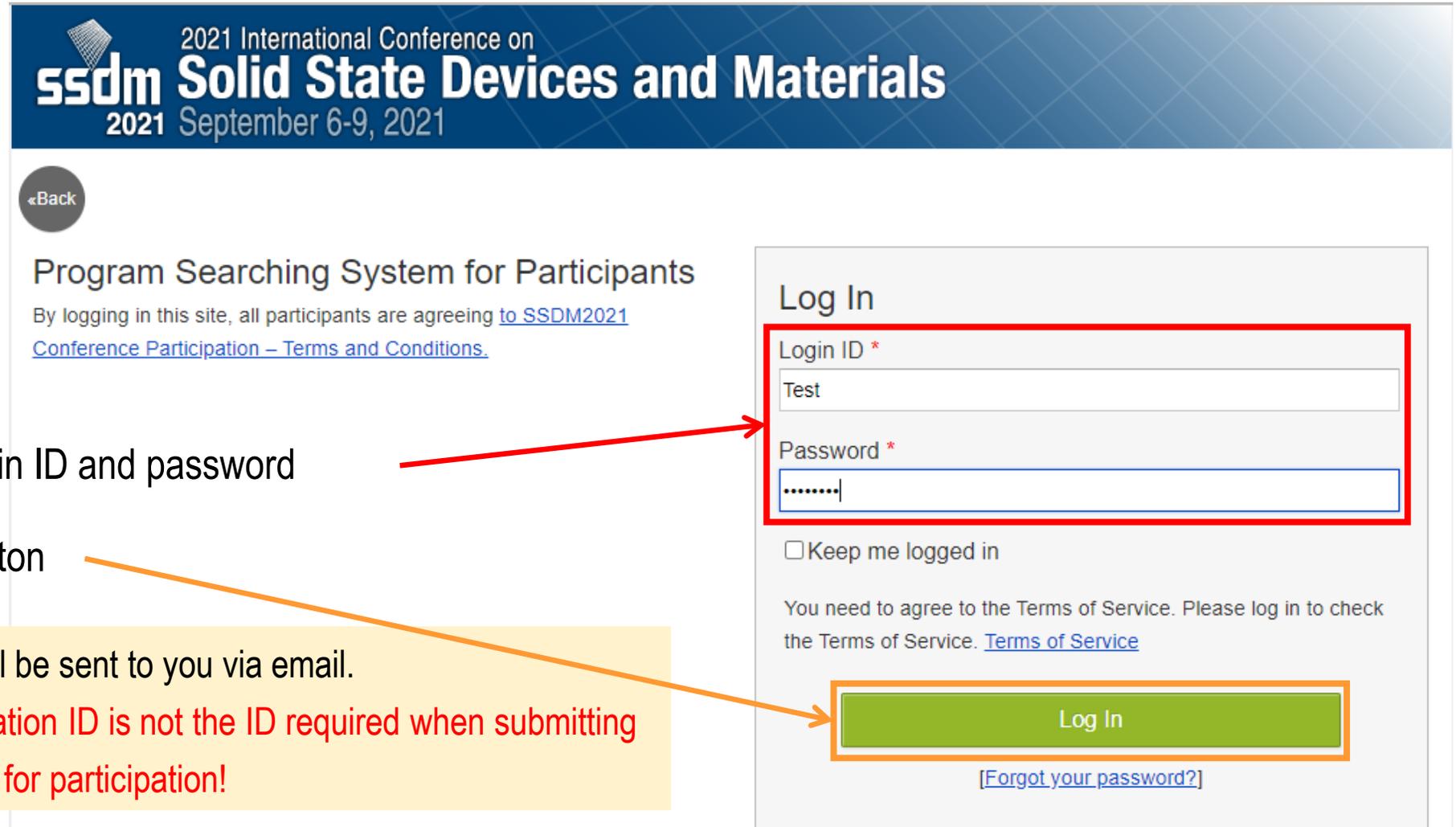


IMPORTANT ANNOUNCEMENT

SSDM 2021 will be held as an ALL-VIRTUAL conference,
September 6-9, 2021.

Logging into Confit

The following screen appears after accessing Confit in the way provided on the previous page:



The screenshot shows the login interface for the 2021 International Conference on Solid State Devices and Materials (SSDM 2021). The page header includes the conference name and dates (September 6-9, 2021). Below the header, there is a "Program Searching System for Participants" section with a "Back" button and a link to the Terms and Conditions. The main login area is titled "Log In" and contains two input fields: "Login ID *" with the text "Test" and "Password *" with masked characters. Below these fields is a checkbox for "Keep me logged in" and a message stating that users must agree to the Terms of Service. A green "Log In" button is located at the bottom of the form, with a link for "[Forgot your password?]" below it. A red box highlights the input fields, and an orange box highlights the "Log In" button.

(1) Enter your login ID and password

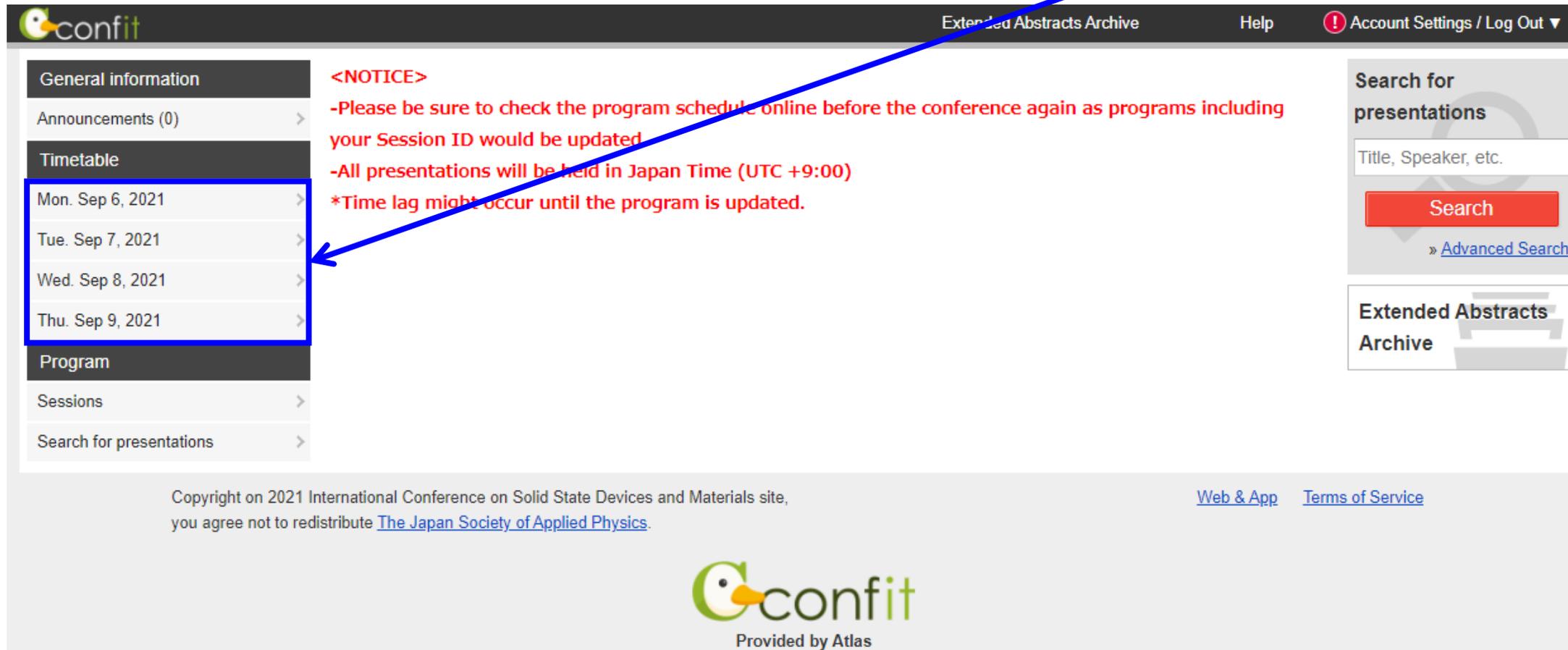
(2) Click login button

Note: Your ID and password will be sent to you via email.

Your conference participation ID is not the ID required when submitting your paper or registering for participation!

Choosing dates

The following screen appears when you log in to Confit. You can access the schedules of each day [here](#):



The screenshot shows the Confit website interface. The top navigation bar includes the Confit logo, "Extended Abstracts Archive", "Help", and "Account Settings / Log Out". The left sidebar menu has sections for "General information", "Announcements (0)", "Timetable", "Program", "Sessions", and "Search for presentations". The "Timetable" section is expanded, showing a list of dates from Monday, Sep 6, 2021, to Thursday, Sep 9, 2021. A blue box highlights this list, and a blue arrow points from the text above to the "Mon. Sep 6, 2021" entry. The main content area displays a red notice: "**<NOTICE>**
-Please be sure to check the program schedule online before the conference again as programs including your Session ID would be updated.
-All presentations will be held in Japan Time (UTC +9:00)
*Time lag might occur until the program is updated." The right sidebar contains a search box for presentations and an "Extended Abstracts Archive" link. The footer includes copyright information, a disclaimer, and links for "Web & App" and "Terms of Service".

Sample schedule

Check if the date matches what you chose on the previous page

Check which "Room" is hosting the "Area" you're interested in

- Check:
- Session number
 - Session title
 - Live stream time

2021 International Conference on Solid State Devices and Materials

Wed, Sep 8, 2021

	Room A: Area 1	Room B: Area 2	Room C: Area 3	Room D: Area 4	Room E: Area 5	Room F: Area 6	Room G: Area 7	Room H: Area 8	Room I: Area 9	Room J: Area 10	Room K: Area 11	Room L: Area 12
8 am												
9 am		[B-3] Ferroelectric and Emerging Devices 9:00 AM - 10:12 AM		[D-3] Advanced Wide-Bandgap Devices 9:00 AM - 10:05 AM								Circuits for Next Generation
10 am												
11 am	[A-4] Advanced CMOS: Materials and Process 10:45 AM - 12:20 PM		[C-4] 3D Integration 10:45 AM - 11:50 AM	[D-4] SiC Power Devices 10:45 AM - 12:04 PM						[J-4] Group IV Thin-Film Processing and Devices 10:45 AM - 11:57 AM	[K-4] Advanced Crystal Growth and Characterization 10:45 AM - 12:18 PM	[L-4] Integrated Circuits for IoT and Sensing
12 pm												
1 pm												
2 pm	[A-5] Ferroelectric Materials and	[B-5] Memory Computing and New Applications 2:00 PM - 3:12 PM	[C-5] MEMS and Emerging Devices 2:00 PM - 3:05 PM		[E-5] III-V Light Sources 2:00 PM - 3:05 PM	[F-5] Silicon-based Solar Cells 2:00 PM - 2:51 PM	[G-5] High-Sensitivity Biological and Chemical Sensing 2:00 PM - 3:19 PM	[H-5] Characterization II: Low Dimensional Devices and Materials 2:00 PM - 3:05 PM	[I-5] Spintronic Devices I 2:00 PM - 3:05 PM	[J-5] Advanced Oxide Devices and Characterizations 2:00 PM - 3:19 PM	[K-5] Thin Films, Surfaces and Processing	[L-5] Innovative Power Devices and Circuit Technology
3 pm												
4 pm	[A-6] RF, 3D stacking, Image Sensor, Modeling and Characterization 3:45 PM - 4:57 PM	[B-6] Ferroelectric Memory Devices 3:45 PM - 4:57 PM	[C-6] Advanced Metallization 3:45 PM - 4:50 PM	[D-6] Ga2O3 & SiC Devices and Fundamentals 3:45 PM - 4:50 PM	[E-6] New Materials for Photonics 3:45 PM - 4:50 PM	[F-6] Perovskite & Chalcopyrite Solar Cells 3:45 PM - 4:50 PM	[G-6] Microsystems for Biological Applications 3:45 PM - 5:04 PM	[H-6] Device Application: Low Dimensional Devices and Materials 3:45 PM - 5:04 PM	[I-6] Spintronic Devices II 3:45 PM - 4:50 PM	[J-6] Emerging Solution Process Device Applications 3:45 PM - 5:04 PM	[K-6] Group IV Materials 3:45 PM - 5:04 PM	

Legend

- 01: Advanced CMOS: Material Fundamentals / Process Science / Device Physics
- 02: Advanced and Emerging Memories / New Applications
- 03: Interconnect / 3D Integrations / MEMS
- 04: Power / High-speed Devices and Materials
- 05: Photonics: Devices / Integration / Related Technology
- 06: Photovoltaic / Energy Harvesting / Battery-related Technology
- 07: Organic / Molecular / Bio-

Sample schedule (Supplement)

A "Zoom" mark will appear on the day of the conference, allowing you to access the live stream website (see pages 15 and beyond)

	Room A: Area 1	Room B: Area 2	Room C: Area 3	Room D: Area 4	Room E: Area 5	Room F: Area 6	Room G: Area 7	Room H: Area 8	Room I: Area 9	Room J: Area 10	Room K: Area 11	Room L: Area 12
8 am	<div style="border: 2px solid blue; border-radius: 10px; padding: 5px; display: inline-block;">  Live Streaming (Zoom) </div>											
9 am		[B-3] Ferroelectric and Emerging Devices 9:00 AM - 10:12 AM		[D-3] Advanced Wide-Bandgap Devices 9:00 AM - 10:05 AM								[L-3] Integrated Circuits for Next Generation 9:00 AM - 10:05 AM
10 am												<div style="border: 2px solid blue; border-radius: 10px; padding: 5px; display: inline-block;">  Live Streaming (Zoom) </div>
11 am	[A-4] Advanced CMOS: Materials and Process 10:45 AM - 12:20 PM		[C-4] 3D Integration 10:45 AM - 11:50 AM	[D-4] SiC Power Devices 10:45 AM - 12:04 PM		[F-4] Compound Semiconductor Solar Cells 10:45 AM - 11:50 AM		[H-4] Characterization I: Low Dimensional Devices and Materials 10:45 AM - 12:44 PM		[J-4] Group IV Thin-Film Processing and Devices 10:45 AM - 11:57 AM	[K-4] Advanced Crystal Growth and Characterization 10:45 AM - 12:18 PM	[L-4] Integrated Circuits for IoT and Sensing 10:45 AM - 12:18 PM
12 pm	<div style="border: 2px solid blue; border-radius: 10px; padding: 5px; display: inline-block;">  Live Streaming (Zoom) </div>		<div style="border: 2px solid blue; border-radius: 10px; padding: 5px; display: inline-block;">  Live Streaming (Zoom) </div>	<div style="border: 2px solid blue; border-radius: 10px; padding: 5px; display: inline-block;">  Live Streaming (Zoom) </div>		<div style="border: 2px solid blue; border-radius: 10px; padding: 5px; display: inline-block;">  Live Streaming (Zoom) </div>		<div style="border: 2px solid blue; border-radius: 10px; padding: 5px; display: inline-block;">  Live Streaming (Zoom) </div>		<div style="border: 2px solid blue; border-radius: 10px; padding: 5px; display: inline-block;">  Live Streaming (Zoom) </div>	<div style="border: 2px solid blue; border-radius: 10px; padding: 5px; display: inline-block;">  Live Streaming (Zoom) </div>	<div style="border: 2px solid blue; border-radius: 10px; padding: 5px; display: inline-block;">  Live Streaming (Zoom) </div>
1 pm												
2 pm	[A-5] Ferroelectric: Materials and 2:00 PM - 3:12 PM	[B-5] Memory Computing and New Applications 2:00 PM - 3:12 PM	[C-5] MEMS and Emerging Devices 2:00 PM - 3:05 PM		[E-5] III-V Light Sources 2:00 PM - 3:05 PM	[F-5] Silicon-based Solar Cells 2:00 PM - 2:51 PM	[G-5] High-Sensitivity Biological and Chemical Sensing 2:00 PM - 3:19 PM	[H-5] Characterization II: Low Dimensional Devices and Materials 2:00 PM - 3:05 PM	[I-5] Spintronic Devices I 2:00 PM - 3:05 PM	[J-5] Advanced Oxide Devices and Characterizations 2:00 PM - 3:19 PM	[K-5] Thin Films, Surfaces and Processing 2:00 PM - 3:05 PM	[L-5] Innovative Power Devices and Circuit Technology 2:00 PM - 3:05 PM
3 pm												
4 pm	[A-6] RF, 3D stacking, Image Sensor, Modeling and Characterization 3:45 PM - 4:57 PM	[B-6] Ferroelectric Memory Devices 3:45 PM - 4:57 PM	[C-6] Advanced Metallization 3:45 PM - 4:50 PM	[D-6] Ga2O3 & SiC Devices and Fundamentals 3:45 PM - 4:50 PM	[E-6] New Materials for Photonics 3:45 PM - 4:50 PM	[F-6] Perovskite & Chalcopyrite Solar Cells 3:45 PM - 4:50 PM	[G-6] Microsystems for Biological Applications 3:45 PM - 5:04 PM	[H-6] Device Application: Low Dimensional Devices and Materials 3:45 PM - 5:04 PM	[I-6] Spintronic Devices II 3:45 PM - 4:50 PM	[J-6] Emerging Solution Process Device Applications 3:45 PM - 5:04 PM	[K-6] Group IV Materials 3:45 PM - 5:04 PM	

Legend

- 01: Advanced CMOS: Material Fundamentals / Process Science / Device Physics
- 02: Advanced and Emerging Memories / New Applications
- 03: Interconnect / 3D Integrations / MEMS
- 04: Power / High-speed Devices and Materials
- 05: Photonics: Devices / Integration / Related Technology
- 06: Photovoltaic / Energy Harvesting / Battery-related Technology
- 07: Organic / Molecular / Bio-

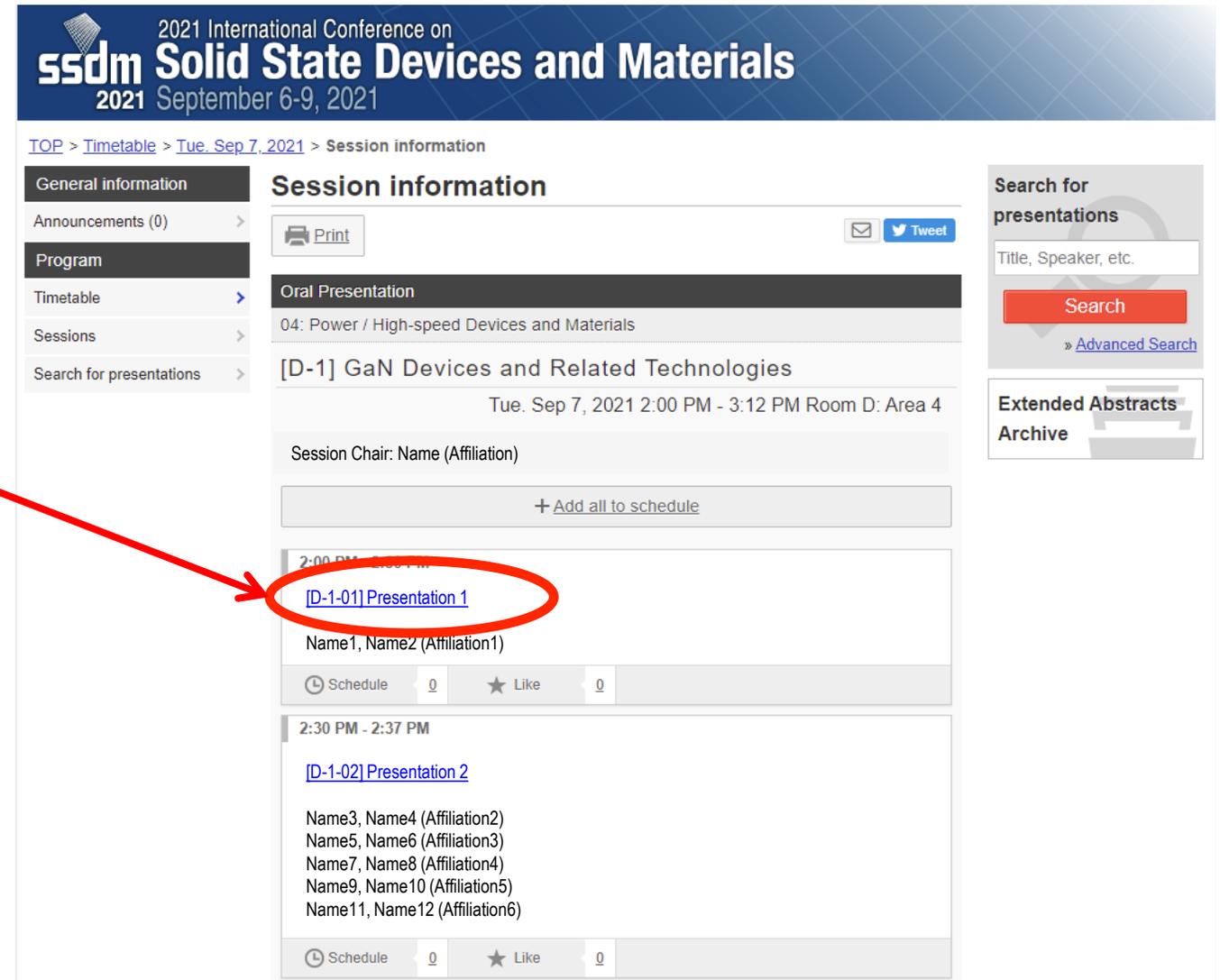
Viewing video on demand

When you find a session that interests you, [access a video on-demand](#) of the presentation (general presentation) by following these steps:

First, choose a presentation that interests you.

Videos of plenary and short course sessions will be available after they end, but short course session videos will only be available for registered participants.

Videos on demand will be available between
September 6–17



The screenshot shows the website for the 2021 International Conference on Solid State Devices and Materials (ssdm 2021), held from September 6-9, 2021. The page displays session information for Tuesday, September 7, 2021, specifically for the session titled "[D-1] GaN Devices and Related Technologies" held from 2:00 PM to 3:12 PM in Room D: Area 4. The session chair is listed as "Name (Affiliation)". A sidebar on the left contains navigation links: "General information", "Announcements (0)", "Program", "Timetable", "Sessions", and "Search for presentations". A sidebar on the right includes a search box for presentations and an "Extended Abstracts Archive" link. The main content area lists two presentations: "[D-1-01] Presentation 1" (2:00 PM - 2:37 PM) and "[D-1-02] Presentation 2" (2:30 PM - 2:37 PM). The link for "[D-1-01] Presentation 1" is circled in red, with a red arrow pointing from the text box "First, choose a presentation that interests you." to it. Each presentation entry includes the speaker names and affiliations, and buttons for "Schedule" and "Like".

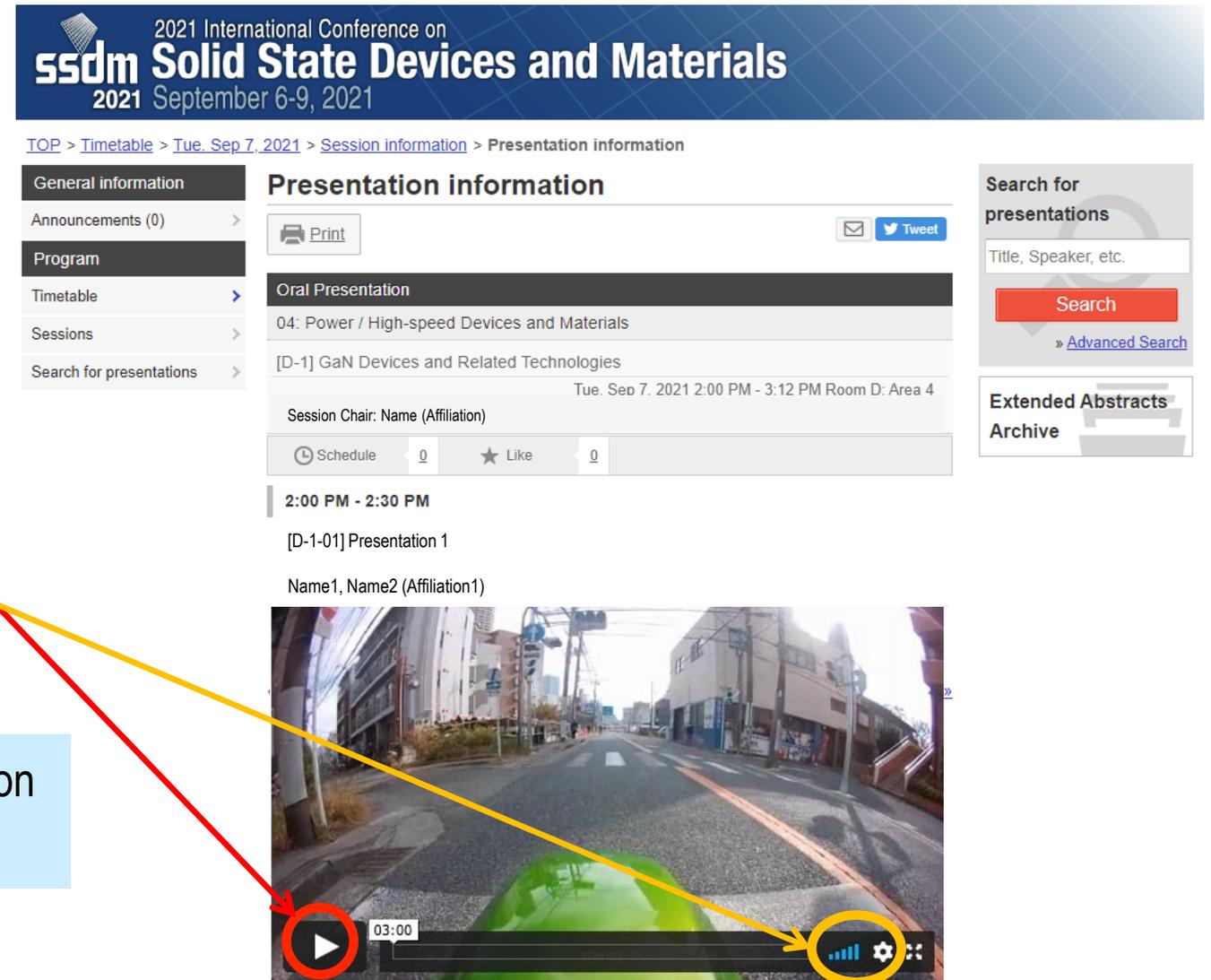
Viewing video on demand

This screen will appear for each presentation.

By clicking on the play button, you can view a video on-demand.

(If needed:)
You can adjust the volume of your speaker.

A button to download an abstract (PDF) will appear on the day of the conference.



The screenshot displays the website for the 2021 International Conference on Solid State Devices and Materials (ssdm 2021), held from September 6-9, 2021. The page is titled "Presentation information" and shows details for a presentation on Tuesday, September 7, 2021, from 2:00 PM to 3:12 PM in Room D: Area 4. The presentation is titled "[D-1] GaN Devices and Related Technologies" and is part of the "04: Power / High-speed Devices and Materials" session. The session chair is listed as "Name1, Name2 (Affiliation1)". The video player shows a street scene with a green car in the foreground. The video player controls include a play button, a progress bar, and a volume icon. A red box highlights the play button, and a yellow box highlights the volume icon. A blue box highlights the "Download Abstract" button.

Accessing the live stream website

You can enter the live stream website from the Zoom mark, starting 15 minutes before the session.

	Room A: Area 1	Room B: Area 2	Room C: Area 3	Room D: Area 4	Room E: Area 5	Room F: Area 6	Room G: Area 7	Room H: Area 8	Room I: Area 9	Room J: Area 10	Room K: Area 11	Room L: Area 12
8 am												
9 am		[B-3] Ferroelectric and Emerging Devices 9:00 AM - 10:12 AM		[D-3] Advanced Wide-Bandgap Devices 9:00 AM - 10:05 AM								[L-3] Integrated Circuits for Next Generation
10 am												[Live Streaming (Zoom)]
11 am	[A-4] Advanced CMOS: Materials and Process 10:45 AM - 12:20 PM		[C-4] 3D Integration 10:45 AM - 11:50 AM	[D-4] SiC Power Devices 10:45 AM - 12:04 PM		[F-4] Compound Semiconductor Solar Cells 10:45 AM - 11:50 AM		[H-4] Characterization I: Low Dimensional Devices and Materials 10:45 AM - 12:44 PM		[J-4] Group IV Thin-Film Processing and Devices 10:45 AM - 11:57 AM	[K-4] Advanced Crystal Growth and Characterization 10:45 AM - 12:18 PM	[L-4] Integrated Circuits for IoT and Sensing
12 pm	[Live Streaming (Zoom)]		[Live Streaming (Zoom)]	[Live Streaming (Zoom)]		[Live Streaming (Zoom)]		[Live Streaming (Zoom)]		[Live Streaming (Zoom)]	[Live Streaming (Zoom)]	[Live Streaming (Zoom)]
1 pm												
2 pm	[A-5] Ferroelectric: Materials and	[B-5] Memory Computing and New Applications 2:00 PM - 3:12 PM	[C-5] MEMS and Emerging Devices 2:00 PM - 3:05 PM		[E-5] III-V Light Sources 2:00 PM - 3:05 PM	[F-5] Silicon-based Solar Cells 2:00 PM - 2:51 PM	[G-5] High-Sensitivity Biological and Chemical Sensing 2:00 PM - 3:19 PM	[H-5] Characterization II: Low Dimensional Devices and Materials 2:00 PM - 3:26 PM	[I-5] Spintronic Devices I 2:00 PM - 3:05 PM	[J-5] Advanced Oxide Devices and Characterizations 2:00 PM - 3:19 PM	[K-5] Thin Films, Surfaces and Processing	[L-5] Innovative Power Device Circuit Tech
3 pm												
4 pm	[A-6] RF, 3D stacking, Image Sensor, Modeling and Characterization	[B-6] Ferroelectric Memory Devices 3:45 PM - 4:57 PM	[C-6] Advanced Metallization 3:45 PM - 4:50 PM	[D-6] Ga2O3 & SiC Devices and Fundamentals 3:45 PM - 4:50 PM	[E-6] New Materials for Photonics 3:45 PM - 4:50 PM	[F-6] Perovskite & Chalcopyrite Solar Cells 3:45 PM - 4:50 PM	[G-6] Microsystems for Biological Applications 3:45 PM - 5:04 PM	[H-6] Device Application: Low Dimensional Devices and Materials 3:45 PM - 5:11 PM	[I-6] Spintronic Devices II 3:45 PM - 4:50 PM	[J-6] Emerging Solution Process Device Applications 3:45 PM - 5:04 PM	[K-6] Group IV Materials 3:45 PM - 5:04 PM	

Legend

- 01: Advanced CMOS: Material Fundamentals / Process Science / Device Physics
- 02: Advanced and Emerging Memories / New Applications
- 03: Interconnect / 3D Integrations / MEMS
- 04: Power / High-speed Devices and Materials
- 05: Photonics: Devices / Integration / Related Technology
- 06: Photovoltaic / Energy Harvesting / Battery-related Technology
- 07: Organic / Molecular / Bio-

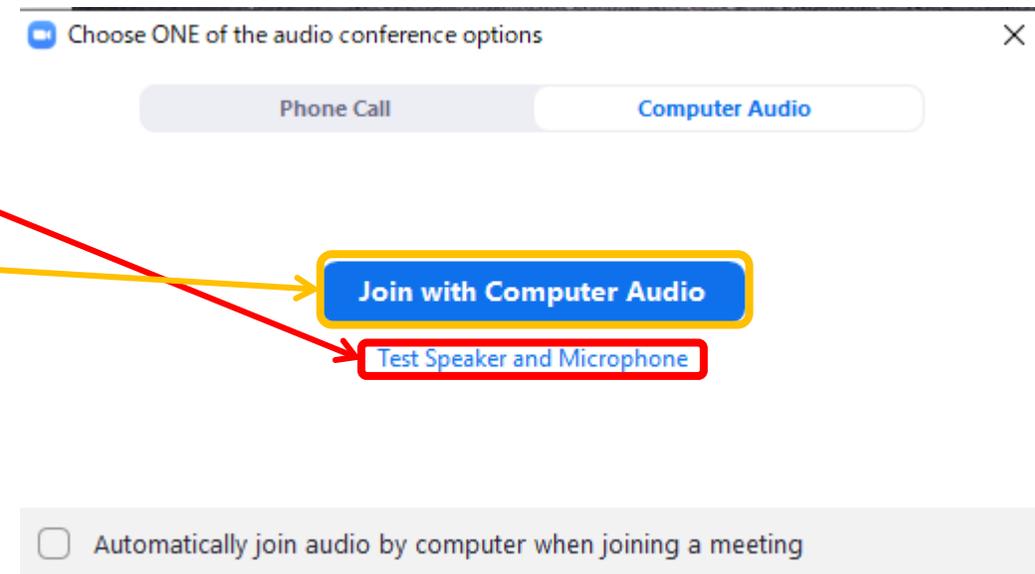
Setting audio when connecting to Zoom

The following screen appears when you click on the Zoom mark.

Set your audio through the following steps:

(1) Test audio (mandatory)

(2) Join with the computer audio



Preparing after entering Zoom meeting

Once you enter your live stream website (Zoom meeting), take the following steps:

- Mute your microphone
- Turn off your camera

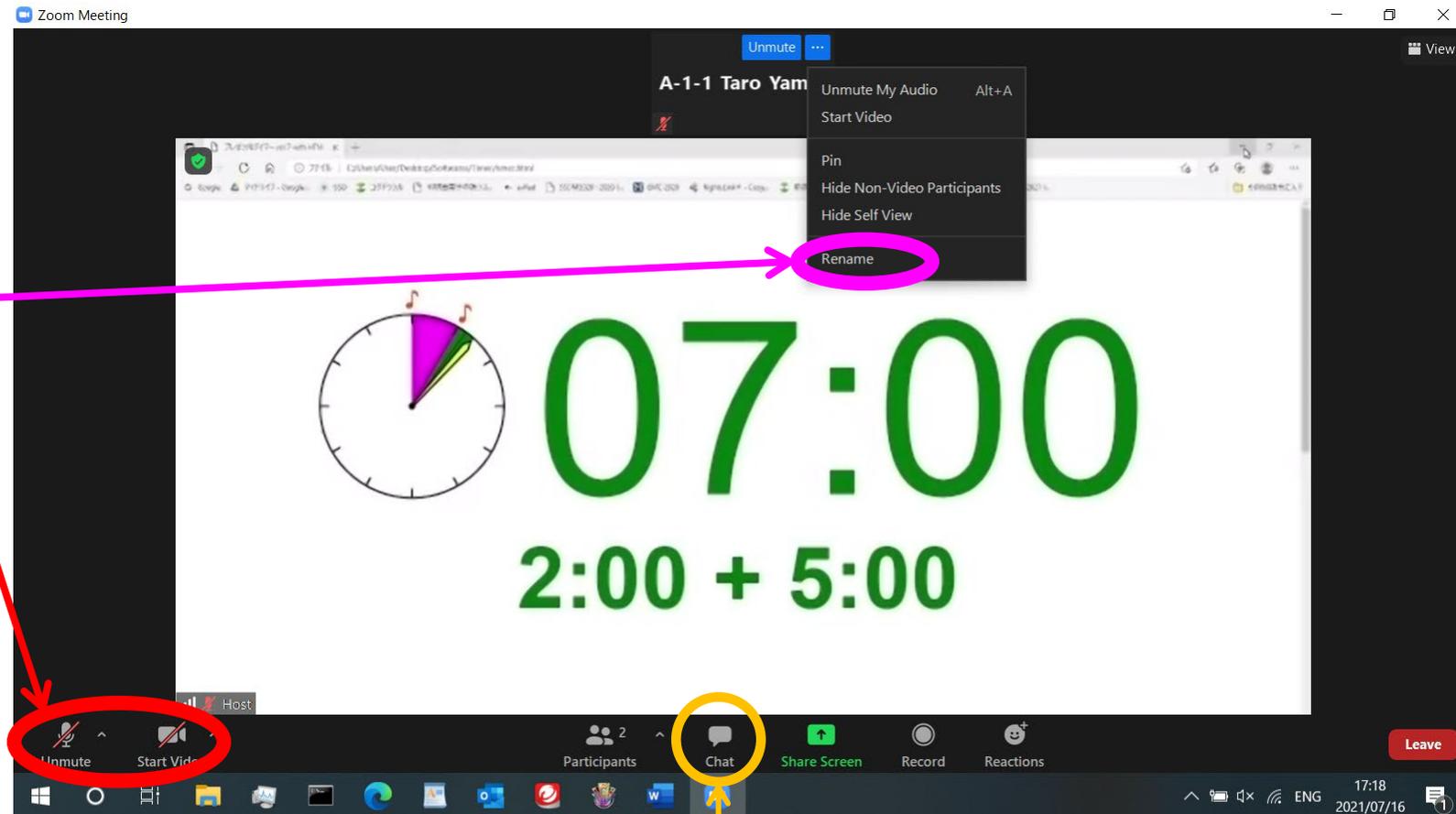
(If needed:)

- Change your username

(Example: XX Univ. Taro YAMADA)

Note: Display a name that's easy for the Chair to recognize.

Use the chat function if you have questions for the host.



Presentation Q&A (1)

When the session begins, presenters will give their (live-streamed) presentations.

After each presentation, **you can ask questions and comment** through the following steps:

- (1) Click “Reactions”
- (2) Click “Raise Hand”
- (3) When the Chair calls you, turn on your microphone and ask your question

Note: As a general rule you are to ask via audio, but in certain circumstances (including microphone defects) you can ask over the chat function

(you must post in English)



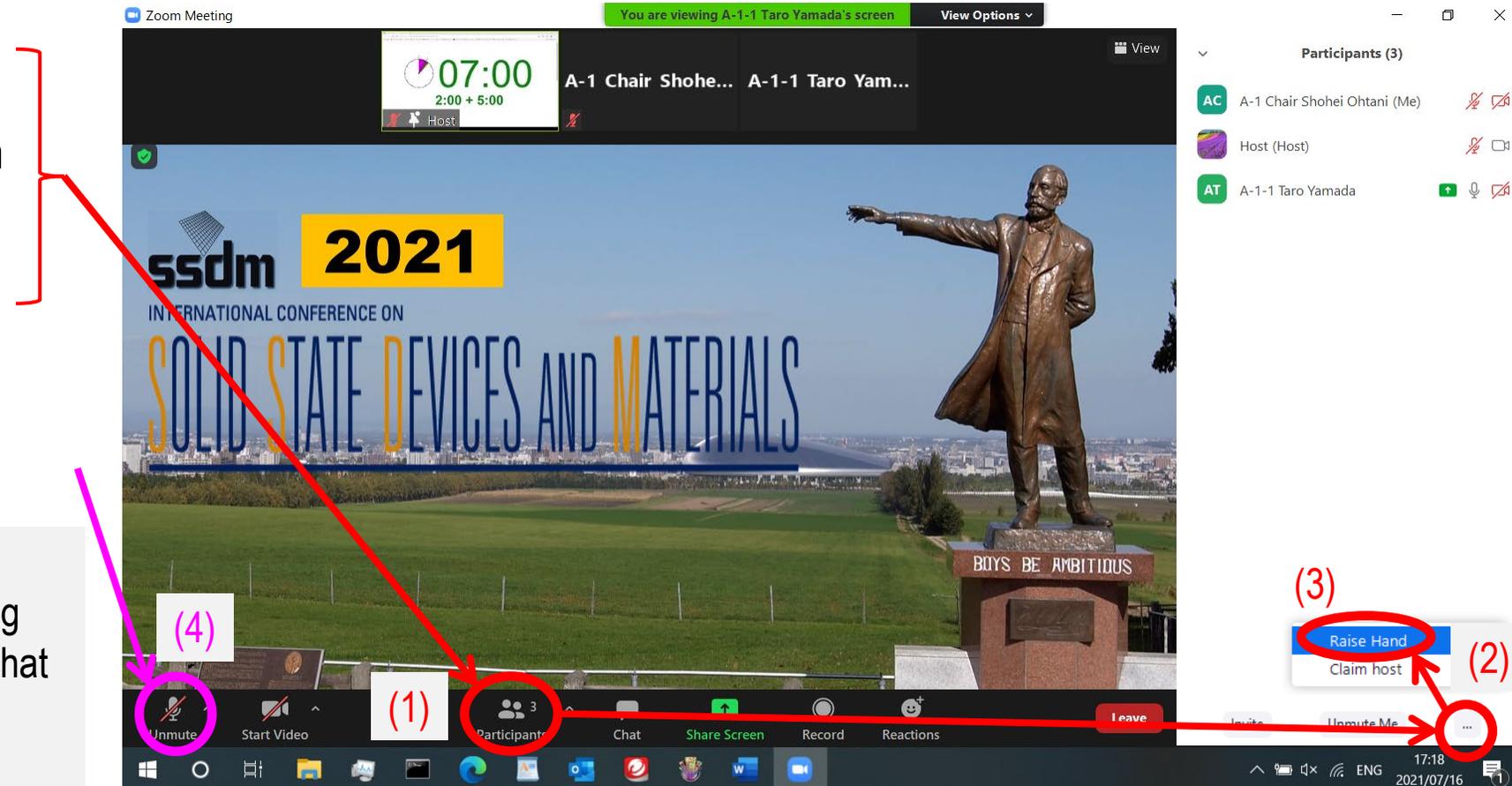
Presentation Q&A (2)

You can “Raise Hand” in the following way, depending on the version of your Zoom:

- (1) Click “Participants”
- (2) Click the “...” mark at the bottom
- (3) Click “Raise Hand”
- (4) When the Chair calls you, turn on your microphone and ask your question

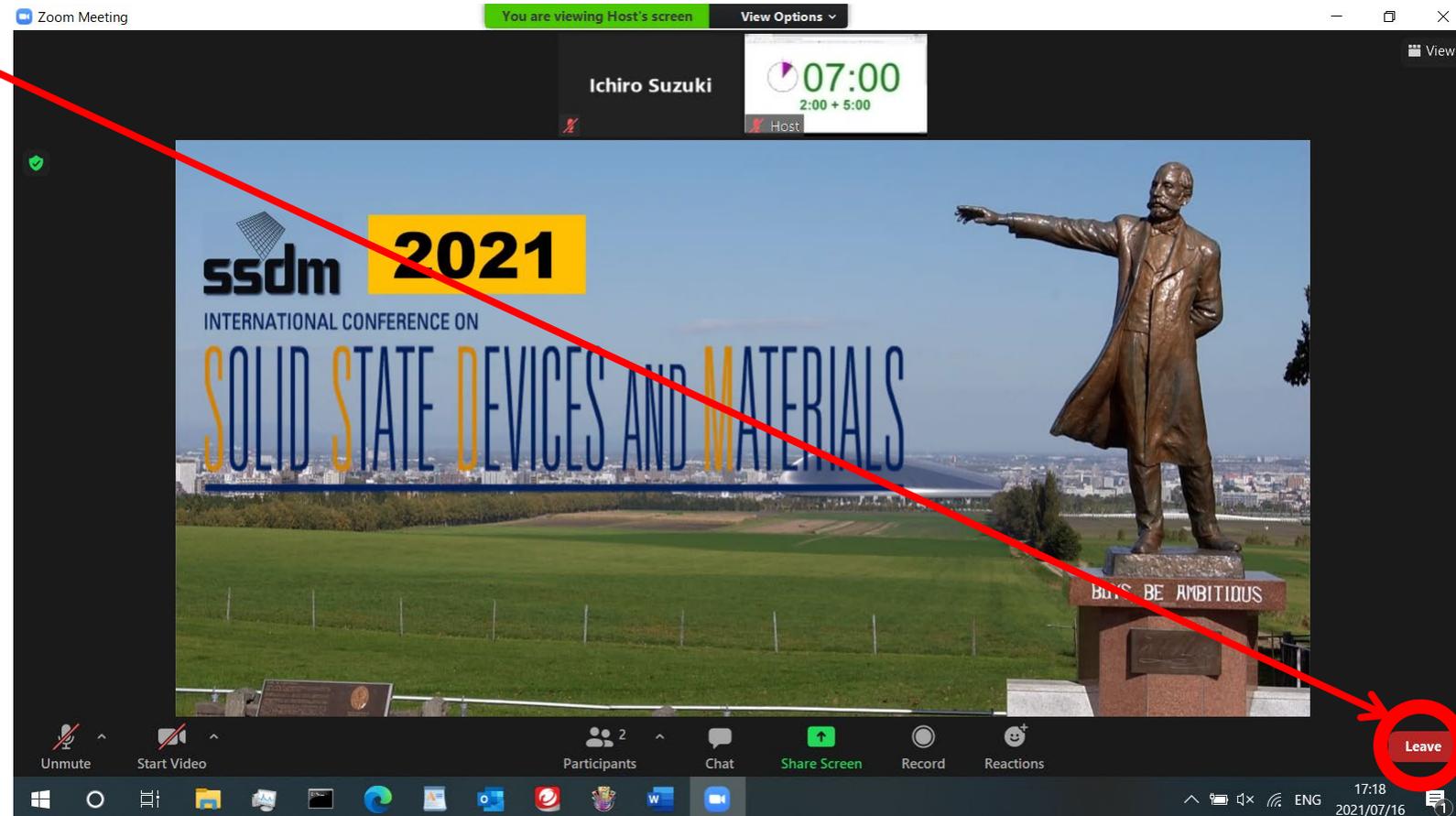
Note: As a general rule you are to ask via audio, but in certain circumstances (including microphone defects) you can ask over the chat function

(you must post in English)



Accessing the live stream website

Log out of Zoom meeting when the presentation/session you are interested in ends.



Confit

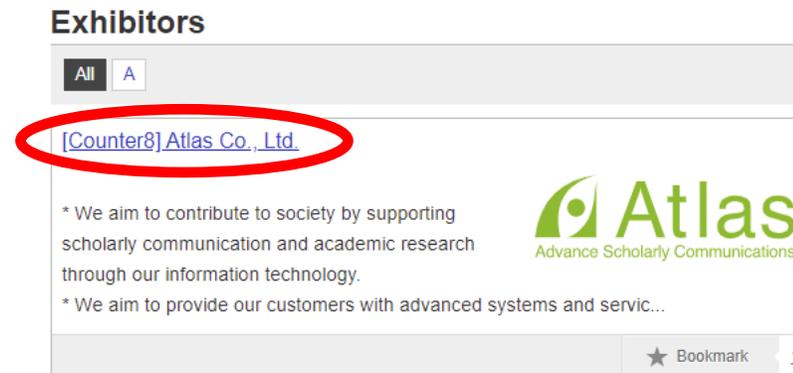
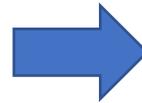
Virtual Exhibition

Virtual Exhibitions will be held on the Confit platform.

During the conference period, the menu as shown below appears on the top page of Confit.

Please click “Exhibitors”.

On the next page, click the company name to enter the virtual exhibition.

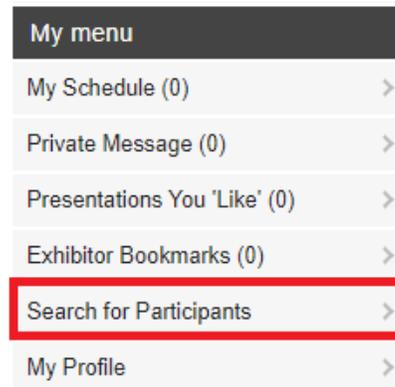


Private Message

A function of Confit enables attendees to communicate each other.

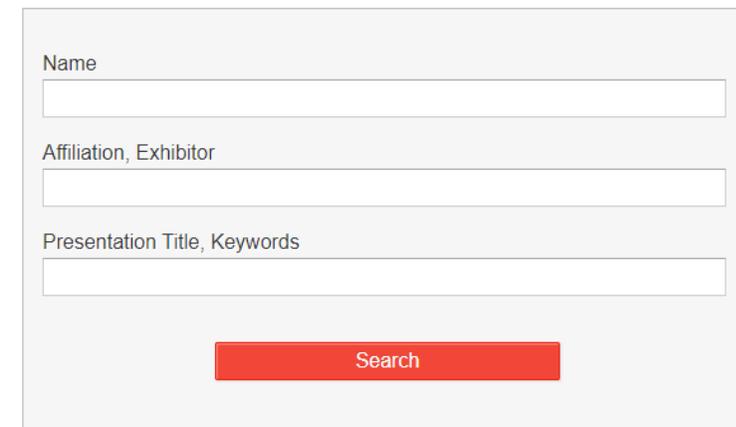
Search

(1) On the top page of Confit, click "Search for Participants".



(2) Search the participants that you would like to send a message with inputting the search criteria.

Search for Participants



A search form titled "Search for Participants" with the following fields and a button:

- Name:
- Affiliation, Exhibitor:
- Presentation Title, Keywords:
- Search:

Private Message

Matching flag

[preparation] “My Profile” ⇒ “Matching flag”
⇒ Select your status

My Profile
Fields with * are required. The information you entered here will be open on this site.

Name*	<input type="text"/> <small>Please enter your name.</small>
Affiliation	<input type="text"/> <small>If you belong to multiple institutions, please enter one of them as a primary affiliation.</small>
Matching flag	<p>Set your flags.</p> <p>Flags to be selected :</p> <div style="border: 1px solid blue; padding: 5px; display: inline-block;">job hunting</div> ⇌ <div style="border: 2px solid red; padding: 5px; display: inline-block;">Selected Item Looking for human resources</div>

[Search] You can search attendees who have selected status on “Search for Participants”.

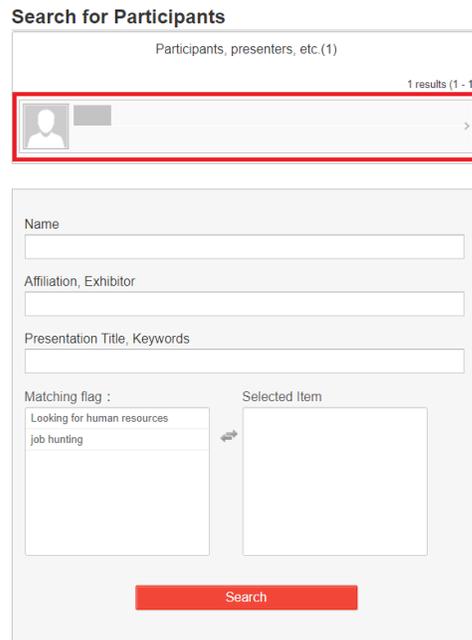
Search for Participants

Name	<input type="text"/>
Affiliation, Exhibitor	<input type="text"/>
Presentation Title, Keywords	<input type="text"/>
Matching flag :	<div style="border: 1px solid blue; padding: 5px; display: inline-block;">job hunting</div> ⇌ <div style="border: 2px solid red; padding: 5px; display: inline-block;">Selected Item Looking for human resources</div>
<input type="button" value="Search"/>	

Private Message

Sending a message

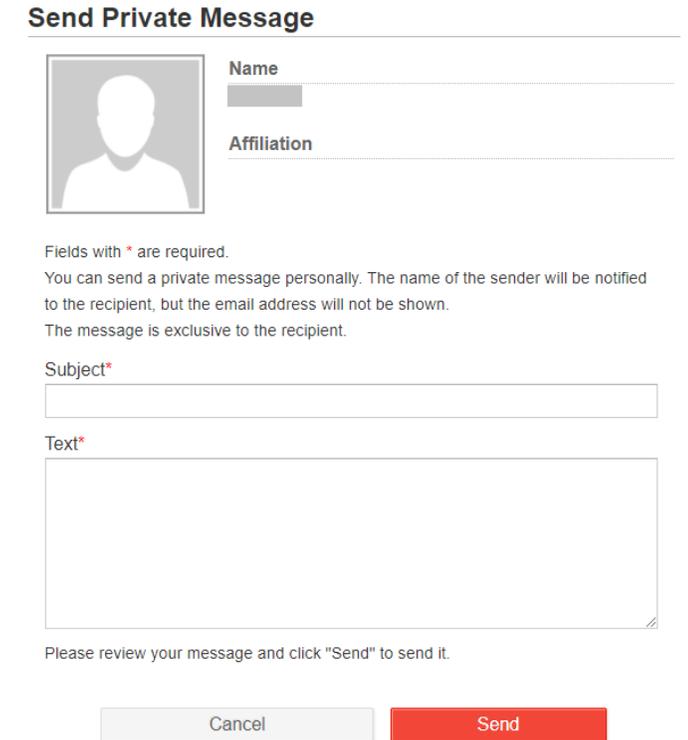
(1) Select the attendee whom you would like to send a message on "Search for Participants".



(2) Click "Send Private Message".



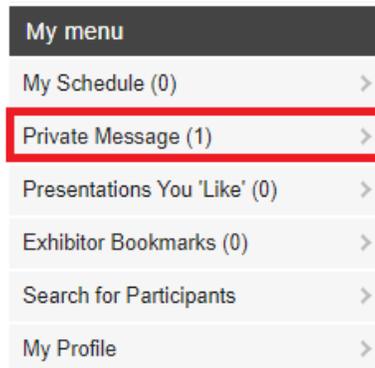
(3) Input a message and click "Send" button.



Private Message

Receiving a message

(1) On “Private Message”, you can find the number of unread messages.



(2) Open the message received in your message box.



(3) Read the message and send the reply.

