

Participant's Guide for **ISDCS2023** Virtual Conference (Moodle) Platform



ISDCS 2023

The 6th International Symposium
on Devices, Circuits and Systems (ISDCS)
May 29-31, 2023, A Fully Virtual Conference



Organized by: **Hiroshima University, Higashi-Hiroshima, Japan**
(in collaboration with Indian Institute of Engineering Science and Technology, Shibpur, India)

Overview of the ISDCS2023 Moodle Platform

To Access the IEEE ISDCS 2023, please visit:

<https://isdcs2023.hiroshima-u.ac.jp/moodle/login/index.php>

You can get this link from the conference website also:

Please note:

1. This is a fully virtual conference.
2. Participants can access the *Keynote Talks, Invited Talks and Regular Paper presentations* as per the given schedule in the Virtual conference platform (Moodle).
3. Participants can ask questions any time during the conference after accessing the presentation video, *through the Q&A chat window*.
4. Presenters are encouraged to clarify all the queries as soon as possible, *through the Q&A chat window*.



ISDCS 2023
2023 International Symposium on Devices, Circuits and Systems (ISDCS)
May 29-31, 2023, A Fully Virtual Conference
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IEEE
A Fully Virtual Conference
IEEE Hiroshima Section
Home Committee Author Guideline Program Registration Contact



Welcome to ISDCS 2023

Date: May 29 - 31, 2023

Main venue: [Fully virtual ISDCS 2023 Moodle site](#)

The ISDCS is a premium international forum for scholars, scientists, educators, students and engineers to exchange their latest findings and technological advances in the field of devices, circuits and systems.

NEWS

- Join the Conference ([Virtual Conference Platform](#)). (May 27, 2023)
- Last update on [the Keynotes & Invited talks page](#). (May 26, 2023)
- **Program announcement has been made on the [symposium page](#). (May 25, 2023)**
- Last update with PPT Template on [the Author Guideline page](#). (May 11, 2023)
- Last update on [the Registration page](#). (May 1, 2023)
- IEEE Hiroshima Section has approved conference grant. (April 21, 2023)
- IEEE has approved the Technical Co-Sponsorship. (April 19, 2023)
- IEEE Hiroshima Section has approved the Technical Co-Sponsorship. (April 18, 2023)
- Abstract submission deadline is extended to April 6, 2023. (March 31, 2023)
- Last update on the Call For Paper. (March 31, 2023)
- Last update on the Technical Program Committee page. (February 20, 2023)
- Last update on the Organizing Committee page. (February 6, 2023)
- This website has opened. (January 25, 2023)

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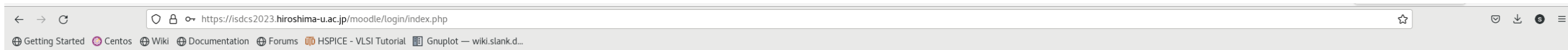
ISDCS 2023 IMPORTANT DATES

- Program Starts: Monday, May 29, 2023, 9:00 AM (UTC+5:30)
- Program Announcement: [May 25, 2023](#) Done.
- Presentation Video Submission: [May 22, 2023 \(23:59 UTC\)](#)
- Camera Ready Submission: [May 22, 2023 \(23:59 UTC\)](#) Closed.
- Registration Deadline: [May 23, 2023 \(23:59 UTC\)](#) Closed.

ISDCS2023 Moodle Platform: Initial Log in

Please log in for the first time using the -
email ID and the **initial pass-string*** – you provided during registration

(Please refer to your registration form to retrieve the details)

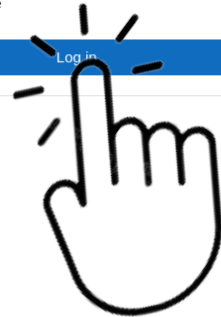


ISDCS2023_Conference

[Forgotten your username or password?](#)

Cookies must be enabled in your browser ⓘ

Remember username Some courses may allow guest access



* If you lost the initial pass-string, please contact : contact-isdcs2023@ml.hiroshima-u.ac.jp

ISDCS2023 Moodle Platform : Change Password

Next, you will be prompted to change the Password

Please provide a strong password containing minimum one uppercase, one alpha-numeric character

← → ↻ https://isdcs2023.hiroshima-u.ac.jp/moodle/login/change_password.php ☆

Getting Started Centos Wiki Documentation Forums HSPICE - VLSI Tutorial Gnuplot — wiki.slank.d...

ISDCS2023_Conf Subhajt Das

Home Dashboard Preferences User account Change password

You must change your password to proceed. ✕

Change password

Username

The password must have at least 8 characters, at least 1 digit(s), at least 1 lower case letter(s), at least 1 upper case letter(s), at least 1 non-alphanumeric character(s) such as as *, -, or #.

Current password

New password ⓘ
Passwords must have at least 1 upper case letter(s).
Passwords must have at least 1 non-alphanumeric character(s) such as as *, -, or #.

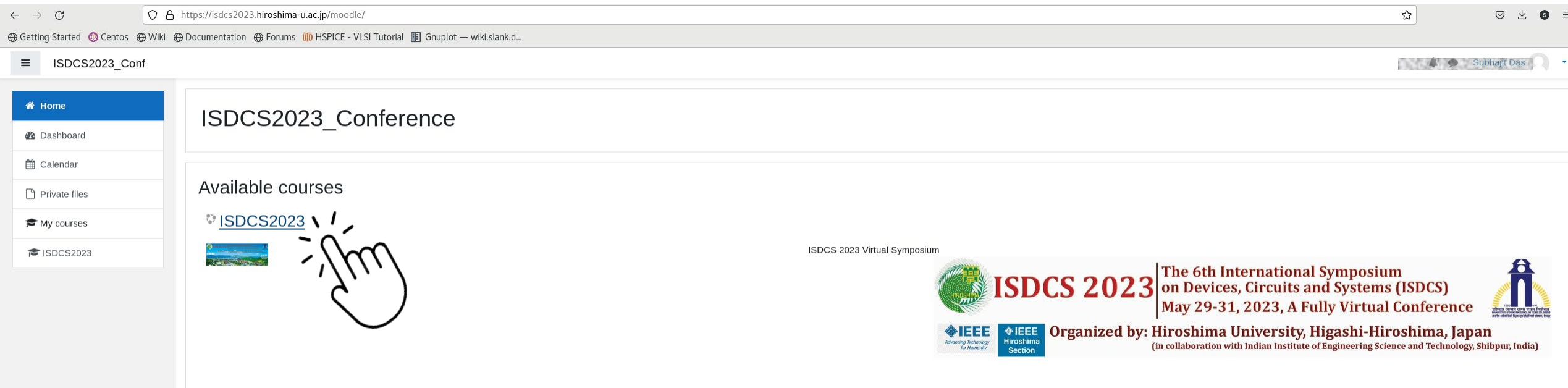
New password (again) ⓘ
Passwords must have at least 1 upper case letter(s).
Passwords must have at least 1 non-alphanumeric character(s) such as as *, -, or #.

There are required fields in this form marked ⓘ .

ISDCS2023 Virtual Conference Entrance

After clicking continue post-changing the initial password

You can enter the Virtual Conference Platform through [ISDCS2023](#)



The screenshot shows a web browser window displaying the Moodle interface for the ISDCS2023 virtual conference. The browser's address bar shows the URL <https://isdcs2023.hiroshima-u.ac.jp/moodle/>. The page title is "ISDCS2023_Conf". On the left, a navigation menu includes "Home", "Dashboard", "Calendar", "Private files", "My courses", and "ISDCS2023". The main content area is titled "ISDCS2023_Conference" and features a section for "Available courses". A course titled "ISDCS2023" is listed with a small thumbnail image and a hand cursor icon pointing to it. Below the course list, there is a banner for the "ISDCS 2023 Virtual Symposium". The banner includes the IEEE logo, the IEEE Hiroshima Section logo, and the text: "ISDCS 2023 The 6th International Symposium on Devices, Circuits and Systems (ISDCS) May 29-31, 2023, A Fully Virtual Conference". It also states: "Organized by: Hiroshima University, Higashi-Hiroshima, Japan (in collaboration with Indian Institute of Engineering Science and Technology, Shibpur, India)".

ISDCS2023 Access Talk/Presentation

ISDCS2023
Virtual
Conference
Platform

The screenshot shows the Moodle course page for ISDCS2023. The left sidebar contains a navigation menu with items like 'ISDCS2023', 'Participants', 'Badges', 'Competencies', 'Grades', and various sessions. The main content area features a welcome message and a list of resources. Annotations include a blue arrow pointing from the 'Announcements' section to a yellow box labeled 'Scheduled time', and a hand icon pointing to the 'Session 1: Keynote Talks' link. A large red text box on the right side of the page contains the instruction: 'Please click any link to access and listen to that talk/presentation'. Another red text box at the bottom right states: 'Please note that the link will be gradually activated as per Technical Program Schedule'. The page also displays the event title 'ISDCS 2023 The 6th International Symposium on Devices, Circuits and Systems (ISDCS) May 29-31, 2023, A Fully Virtual Conference' and lists several technical papers with their titles and authors.

Please click any link
to
access and listen to
that talk/presentation

Please note that the link will be gradually activated as per Technical Program Schedule

Scheduled time



ISDCS2023 Access Talk/Presentation

ISDCS2023 Virtual Conference Platform

Please Select and Click to access and listen to that talk/presentation

Please note that the link will be gradually activated as per Technical Program Schedule.

Session 1: Keynote Talks Edit

Restricted Available from **29 May 2023, 9:00 AM**

- K-1. (Keynote) "Town & Gown Initiative as a new strategy for establishing smart innovation ecosystem in university town in Japan":Getting Ready** Edit
- K-1. Author's bio (Prof. Shinji Kaneko (Hiroshima University))** Edit
- K-1. Q&A** Edit
- Question and Answer Chat Window Link** Edit
- K-2. (Keynote) "Memristors Based In-memory Computing for Edge Computing Applications":Getting Ready** Edit
- K-2. Author's bio (Prof. Hafizur Rahaman (IEST Shibpur and Department of Electronics Engineering))** Edit
- K-2. Q&A** Edit

Session 2: Devices -- Optoelectronics and Nanotechnology Edit

Restricted Available from **29 May 2023, 9:00 AM**

- I-1. (Invited) "Integration of the Two-dimensional Materials in Nano-scale MOSFET Design- Prospects and Challenges"** Edit

ISDCS2023

- Participants
- Badges
- Competencies
- Grades
- Welcome to ISDCS 2023 Moodle Site
- Session 1: Keynote Talks
- Session 2: Devices -- Optoelectronics and Nanotechnology
- Session 3: Device and Circuits-- Sensing the World in an Innovative Way
- Session 4: Devices, Circuits, Systems --- An Aggregated Subsystem -

ISDCS2023 Virtual Conference Talk

← → ↻ <https://isdc2023.hiroshima-u.ac.jp/moodle/mod/page/view.php?id=13> ☆

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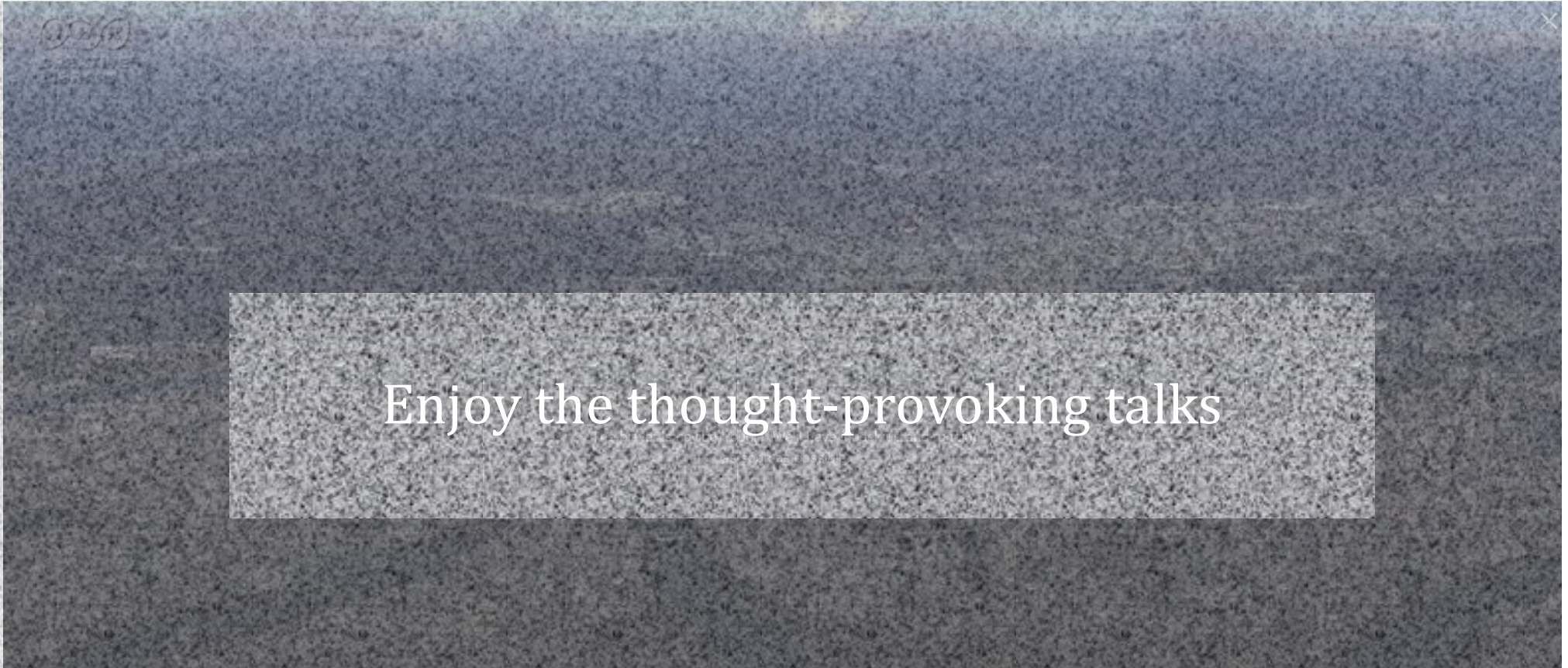
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- Session 2: Devices -- Optoelectronics and Nanotechnology
- Session 3: Device and Circuits-- Sensing the World in an Innovative Way
- Session 4: Devices
- Session 5: Circuits --- Bridging analog and digital ADC
- Session 6: Devices, Circuits, Systems --- An aggregated subsystem --- Memory and switching arrays, interconnects
- Session 7: Devices, Circuits, and Systems --- Power electronics
- Session 8: Circuits, Algorithms, Systems
- ISDCS Photo Gallery
- Home
- Dashboard
- Calendar

ISDCS2023

[Home](#) / [My courses](#) / [ISDCS2023](#) / [Session 1: Keynote Talks](#) / [K-1. \(Keynote\) "Town & Gown Initiative as a new strategy for establishing smart innovation ecosystem in university town in Japan."](#)

K-1. (Keynote) "Town & Gown Initiative as a new strategy for establishing smart innovation ecosystem in university town in Japan."

As a reference, the embedded video of viemo is temporarily attached.



Enjoy the thought-provoking talks

ISDCS2023 Virtual Conference Q&A Platform

This is an Open-Chat platform where the presenter and participants can discuss

The screenshot displays a Moodle forum page for ISDCS2023. The browser address bar shows the URL: <https://isdcs2023.hiroshima-u.ac.jp/moodle/mod/forum/view.php?id=15>. The page title is "ISDCS2023_Conf".

Participants can ask questions at any time during the conference period.

Presenters are encouraged to provide answers at their earliest convenience.

The forum post is titled "K-1. Q&A" and is part of "Session 1: Keynote Talks". The post content includes a subject field with the text "Discussion on your Esteemed Invited Talk" and a message field with the text: "Dear Sir, Thank you for your cognitive presentation. May I ask about".

There are required fields in this form marked with a red exclamation mark. (There are no discussion topics yet in this forum)

Navigation links include: Home / My courses / ISDCS2023 / Session 1: Keynote Talks / K-1. Q&A

Buttons: "Add a new discussion topic", "Post to forum", "Cancel", "Advanced", "Jump to..."

Footer: "K-2. (Keynote) "Memristors Based In-memory Computing for Edge Computing Applications"

Technical Program Table

May 29 (Monday)	May 30 (Tuesday)	May 31 (Wednesday)
<p><u>Session 1:</u></p> <p>Keynote Talks</p> <p>Keynote Talk 1:</p> <p>Prof. Shinji Kaneko, Hiroshima University, Japan</p> <p>Keynote Talk 2:</p> <p>Prof. Hafizur Rahaman, IEST Shibpur, India</p>	<p><u>Session 4:</u></p> <p>Devices, Circuits, Systems --- An Aggregated Subsystem --- Memory and Switching arrays, Interconnects</p> <p>Invited Talk:</p> <p>Dr. Nezam Rohbani, Institute for Research in Fundamental Sciences, Teheran</p> <p>Paper ID- (50, 30, 19, 15)</p>	<p><u>Session 7:</u></p> <p>Devices, Circuits, Systems --- An Aggregated Subsystem --- Memory and Switching arrays, Interconnects</p> <p>Invited Talk:</p> <p>Dr. Toshitsugu Sakamoto, NanoBridge Semiconductor, Inc., Japan</p> <p>Paper ID- (10, 8, 7)</p>
<p><u>Session 2:</u></p> <p>Optoelectronics and Nanotechnology</p> <p>Invited Talk:</p> <p>Dr. Sayan Kanungo, BITS Pilani, Hyderabad, India</p> <p>Paper ID- (38, 35, 20, 4)</p>	<p><u>Session 5:</u></p> <p>Bridging Analog Digital Circuits, Algorithms, and Systems</p> <p>Invited Talk:</p> <p>Dr. Mehdi Saligane, University of Michigan, USA</p> <p>Paper ID- (48, 46, 37, 36)</p>	<p><u>Session 8:</u></p> <p>Bridging Analog and Digital Circuits, Algorithms, Systems</p> <p>Invited Talk:</p> <p>Dr. Manodipan Sahoo, IIT (ISM), Dhanbad, India</p> <p>Paper ID- (16, 9, 6, 5)</p>
<p><u>Session 3:</u></p> <p>Device and Circuits– Sensing the World in an Innovative Way</p> <p>Invited Talk:</p> <p>Dr. Neeraj Kaushal, IIT Gandhinagar, India</p> <p>Paper ID- (47, 33, 32, 18)</p>	<p><u>Session 6:</u></p> <p>Intelligent Systems- AI Circuits and Systems and Multimedia Signal Processing</p> <p>Invited Talk:</p> <p>Dr. Koh Joguchi, Shinshu University, Japan</p> <p>Paper ID- (51, 45, 41, 40, 39)</p>	<p><u>Session 9:</u></p> <p>Intelligent Systems- AI Circuits and Systems and Multimedia Signal Processing</p> <p>Invited Talks:</p> <p>Dr. Tapas Kumar Maiti, DA-IICT, India</p> <p>Prof. Rolf Drechsler, University of Bremen, Germany</p> <p>Paper ID- (31, 21, 14, 3)</p>

Thank You



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For any further queries, reach out to us at: contact-isdcs2023@ml.hiroshima-u.ac.jp