



# Call For Paper

**"Transforming the Future with Data-Driven  
Innovations in the Semicon-Verse"**



**6<sup>th</sup> IEEE International Women in Technology Conference**  
WinTechCon 2025  
November 12-13, 2025

## IMPORTANT DATES

- Deadline for submission of Papers/Tutorials/Demos : May 12<sup>th</sup> 2025
- Communication of acceptance to Authors : Sept 16<sup>th</sup> 2025
- Conference : Nov 12<sup>th</sup> and 13<sup>th</sup> 2025

On behalf of **IEEE Wintechcon 2025** organizing committee, we hereby invite you to participate in this enriching **6<sup>th</sup> IEEE International Women in Technology conference**, #**WinTechCon2025**, to be held on **12<sup>th</sup>-13<sup>th</sup> Nov 2025**. WinTechCon is IEEE only technical conference by and for women in engineering and is committed to providing a platform for showcasing high quality technical contributions made by women technology leaders in industry and in academia. It focuses on the latest advancements in VLSI, Embedded Systems, and software, attended by over 700+ engineers, students, faculty, industry, academia, and researchers.

**Samsung Semiconductor India, Bangalore** is proud to host this 6<sup>th</sup> edition of [IEEE WINTECHCON 2025](#) in partnership with **IEEE CAS**, **IEEE Bangalore Section**, and **IEEE WIE**.

**THEME:****Transforming the Future with Data-Driven Innovations in the Semicon-Verse****Objective:**

Provide opportunities for women leaders in technology to present their work in emerging technical fields

**Focus Area:**

Semicon-Verse, a riveting fusion of "semiconductors" and "universe," suggests a dynamic landscape where the Data-driven technological advances, with AI-ML at core, blur the boundaries of technology and imagination. In this ever-expanding realm, digital twins are developed by intertwining AI-ML with IoT and HBM, to create informative, predictive and comprehensive models that improves, enhances and innovates productivity and maintainability of the product. Advances in field of sensor, communication technology, automotive safety is redefining the mobility. Enhancements in Cybersecurity measures ensuring safeguarding the digital frontiers. Innovation today knows no bound and future is getting shaped by seamless integration of cutting-edge technologies.

## WINTECHCON2025 INVITES PAPERS, DEMOS AND TUTORIALS

Authors are invited to submit your original unpublished research work through the to Microsoft CMT tool under following technical tracks.

Track 1: VLSI Design, Circuits and Architecture

Track 2: AI Accelerators and Custom Hardware

Track 3: Embedded Systems, Real Time Computing, and Automotive Electronics.

Track 4: Security and Reliability in Semiconductor Design

Track 5: Communication, Connectivity, Multi-media and Digital Twins for Next Gen Systems

Track 6: Design Verification and Validation

Track 7: Semiconductor Packaging, Integration and System Design

**Submission link:** <https://cmt3.research.microsoft.com/WINTECHCON2025/Submission/Index>

All the accepted and presented papers will be submitted to IEEE Xplore for possible publication, ensuring quality, global visibility and recognition.

## ANONYMOUS SUBMISSIONS WINTECHCON 2025

- To comply with IEEE review requirements, all submission manuscripts **MUST BE** anonymous.
- **DO NOT** identify the author(s) by their name(s) or affiliation(s) anywhere on the manuscript or abstract.
- All references to the author(s) own previous work or affiliations in the Bibliographic citations must be in the third person.
- **AVOID** the use of “omitted for blind review” in the Bibliography section

## CATEGORY OF SUBMISSIONS WINTECHCON 2025 [1/3]

### Technical Papers:

In addition to papers with innovative and distinguished improvements in the current state-of-the-art in any of the aforementioned areas, papers describing tactical innovation and improvement on product engineering such as inventions, distinguished improvements in state-of-the-art engineering processes, as well as cross pollination of ideas, surveys, strategies, flows, methodologies, process improvements and/or knowledge that are applied in product development in any of the aforementioned areas are welcome.

### Format of submission:

- Each paper MUST BE within a limit of six A4 sheets in a double-column format and 10-point font, which is IEEE conference format, including figures and tables.
- Follow IEEE Conference Format Template. Refer <https://www.ieee.org/conferences/publishing/templates.html>
- Papers may have no more than 6 authors, and 2 presenters, with at least one woman author and presenter. Primary Author SHOULD be woman.
- Include the PDF of the full paper, complying with anonymous submission.



## CATEGORY OF SUBMISSIONS WINTeCHCON 2025 [2/3]

## Tutorials:

- It is expected that the authors are well-known in the tutorial subject and/or have several years of work experience in the area.
- Include
  - The title, and anonymous abstract (300 words) in a PDF
  - The biography of the presenters in a separate PDF
  - The anonymous tutorial slides in a PPT
- Tutorials may have no more than two presenters with at least one, woman presenter.
- The tutorial duration is 1 hour.
- The importance of the proposed topic, details of content to be covered, and expected audience takeaway should be covered in the abstract and in the PPT slides
- The proposal must bring out the motivation and the organization of the tutorial

## CATEGORY OF SUBMISSIONS WINTECHCON 2025 [3/3]

## Project Demo:

- Includes
  - The title, and anonymous abstract (300 words) in a PDF
  - The biography of the presenters in a separate PDF
  - The anonymous project demo description in a PDF
- MUST have background and objective of the project, the problem description which the project attempts to solve, steps/details of the methodology, format/results of the demonstration, and audience takeaway should be covered in the project demo PDF
- Demos may have no more than 2 presenters with at least one, woman presenter



## POINTS TO REMEMBER WINTECHCON 2025

- The primary author/presenter of the paper SHOULD BE a FEMALE. Co-authors/co-presenters can be a MALE or FEMALE.
- All submission manuscripts and abstracts MUST BE anonymous without revealing author names and affiliations.
- Professionals from the technology industry (semiconductor/hardware/software) and academia may submit.
- IEEE format SHALL BE followed. Failing it will result in rejection
- All the co-authors MUST BE shown in the initial submission. No further authors can be added for selected papers.
- Technical paper submissions can be accepted either for paper presentation or poster presentation, based on discretion of the TPC. The final PPT should be formatted accordingly, based on acceptance notification.
- If a manuscript is accepted for paper presentation, the authors will be expected to submit a final version of the manuscript that will be added to IEEE proceedings

# Thank You