

# 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**

**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:**

**WinTechCon** is IEEE only technical conference by and for women in engineering, is committed to providing a platform for showcasing high quality technical contributions made by women technology leaders in industry and in academia. The conference will focus on electronic system design and associated areas. WinTechCon agenda encompasses innovations in both software and hardware components of system design which are fueling thought leadership, cutting-edge research, and new products. **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 where digital twins are being developed by intertwining AI-ML with IoT and HBM, leading to create informative, predictive and comprehensive models to improve, enhance and innovate productivity and maintainability of the product. Advances in 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

### Following are the Areas and their adjacencies :

- VLSI Design and Architecture
- Semiconductor Devices and Circuits ( Digital/Analog)
- Neuromorphic and Quantum Computing Circuits
- Communication Networks and connectivity for 6G
- Embedded Systems and Real-Time Computing
- Trust and Security in Semiconductor design
- Signal Processing and Applications
- AI Accelerators and Custom Hardware for Machine Learning
- Advanced Packaging and 3D IC Technologies
- Cyber-Physical Systems and Digital Twins
- Automotive electronics and hardware
- Emerging memory technologies
- Design Verification and Formal Methods
- Emulation and FPGA Prototyping

## 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

