

IEEE WINTechCON - 2019

Women's Technical Conference

September 27, 2019 ... Venue: Bangalore

Call for Participation

Objective: To provide opportunities to women technology leaders from India to present their work in emerging knowledge areas

Theme: Future Technologies for Smart, Safe and Sustainable World.

Organized by: IEEE CAS Bangalore Chapter, In cooperation with IEEE Bangalore Section and IEEE WIE Council (IEEE Women in Engineering), Bangalore



IEEE CIRCUITS AND
SYSTEMS SOCIETY
BANGALORE CHAPTER

IEEE
Bangalore Section



Updated: 18 April 2019

Call for Papers ... Areas of conference ... Important dates ... Paper submission ... Registration

WinTechCon was first held in 2018 with the intention of providing a forum for women technology leaders from India to present their work in emerging knowledge areas. The conference was attended by 200+ delegates and was a major success. It featured peer-reviewed paper presentations and posters, two keynote talks, two embedded tutorials, technology demonstrations, exhibit booths, and a panel discussion. The entire conference was managed by women leaders from leading industries in the space of semiconductors and electronic systems.

Encouraged by the success of WinTechCon-2018, the second edition of the conference is planned in 2019. WinTechCon-2019 will be organized by IEEE CAS Bangalore Chapter in association with IEEE WIE (Bangalore) and IEEE Bangalore Section in Bangalore.

The conference welcomes sponsorship from organizations that wish to encourage gender diversity and support the cause of women in technology. There is also opportunity to showcase your organization's products and your diversity program at the exhibit booths. Please contact our Sponsorship Chair to learn more about sponsorship opportunities.

The conference welcomes the submission of previously unpublished manuscripts of high technical quality for presentation. There is also scope for technology demonstrations. The submissions will be reviewed critically and accepted papers, posters and technical demos will be showcased at the conference. While coauthors of papers, posters and demos may be men, the presenters at the conference must be women technologists from India. Please view the proceedings of WinTechCon-2018 on the IEEE CAS Bangalore website to get a feel for the technical program of WinTechCon. In 2019, the conference committee aims to have the proceedings archived in IEEE Xplore.

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Program Chair:

- Krishna Paul, Intel

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Local Organizing Chair:

- Sidhartha Mohanty, Intel

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- Aparna Dixit, Intel
- Sornavalli Ramanathan, Intel
- Sailaja Bandarupalli, Intel
- Biswadeep, Chatterjee, Intel
- Soumya Sonnenahalli, Intel

Call for Manuscripts:

- Women professionals from technology industries (semiconductor/hardware/software) and women teachers/students from engineering colleges may submit papers, proposals for project demos, and proposals for embedded tutorials (1 hour duration). The areas in which manuscripts are sought are shown below.
- **Papers can be co-authored by both women and men, but the presenter of the paper must be a woman engineer.**
- Each paper must be at most 6 pages in length, in IEEE conference format, including figures and tables. The papers will be reviewed by a committee and authors of selected papers will be invited to present their papers. In addition to papers, there will be provision to demonstrate software/hardware projects developed by women.
- Projects that address humanitarian issues and women's issues through technology are also welcome.
- High-quality manuscripts that describe work carried out by the authors in the areas of the conference mentioned below may be **submitted no later than May 03 2019.**
- The manuscript must be submitted in PDF format and must be set in IEEE Conference format and must be within a limit of 6 A4 sheets in double column format and 10-point.
- **Templates may be downloaded from: <https://www.ieee.org/conferences/publishing/templates.html>**

NOTE:

- If a manuscript is accepted for presentation, the authors will be expected to also submit a final version of the manuscript as well as a set of foils that will be presented at the conference.
 - The organizing committee aims to get the accepted papers archived in IEEE Xplore.
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Areas of the Conference:

The conference will focus design, IP, verification, test, in software, hardware and systems aspects of the following areas and their adjacencies, Papers and project demos are being sought in each of these areas.

- Artificial Intelligence, Machine Learning/Deep Learning, Computer Vision, VR/AR, Data Analytics
- Computing - Hyperscale, Cloud, Cognitive, Mobile, Edge, Quantum, Blockchain, distributed ledger technologies
- Wireless Communications & Networking, Mobile devices, 5G
- IOT: Industrial, Medical and Wearables
- Automotive : Radar, Safety, HEV
- Smart Energy
- Personal Electronics
- Digital solution for social good

Papers can be submitted in two categories:

Academic Track:

- Traditional academic papers with innovation and distinguished improvement in current state of art in any of the aforementioned area.

Industry Track:

- This includes innovation, inventions, distinguished improvements in state of art in Software and Silicon (similar to academic track) as well as aims for cross pollination of practicing ideas, methodologies and or knowledge that are applied in digital product development in areas that align with the conference theme
 - Tutorials & surveys on state of the art and/or next generation technology area with a clear direction on areas of improvement

- Algorithms, architectures, frameworks and process development in System Software such as AI, ML, DL, Blockchain, Networking, wireless technologies , operating system, compilers, DSP algorithms, Cloud technologies
- Product development process improvement for cost and performance efficiency
- End to End product or solution development that embodies advancement of digital technology in aforementioned areas
- Flow or methodology in the fields of architecture, design, pre-Si validation, emulation, FPGA or post-Si validation
- Flow and methodology improvements in areas Analog design , AMS verification and layout
- Flow and methodology improvements in areas Digital design , Verification , PnR
- Digital Marketing and Sales
- Product / Test engineering , Packaging in Semiconductor technology

Important Dates:

Please watch

Women's Technical Conference [website](#) for regular updates.

Contact: wintechcon@ieee-cas-bangalore.org

Visit Wintechcon2019 submission site on EasyChair:

<https://easychair.org/conferences/?conf=wintechcon2019>

May 31	Deadline for submission of papers/tutorials Extended from May 3
July 29	Communication of acceptance to authors Extended from June 28
July 9	Online Registration begins
Aug 05	Advance Program available
Aug 28	Deadline for registration
Sep 27	Conference

Submission Guidelines: The principal author and the presenter of the paper must be a woman engineer. Details of selected papers etc. will be notified individually.

STEP-1

- Paper submission for **WINTECHCON-2019** is processed through [EasyChair](#). You must first create an EasyChair account (preferably using the same mail-id which you will be later using at other stages of conference and for correspondence). If you already have an account directly log-in at the below web link.

STEP-2

- **Visit Wintechcon2019 submission site on EasyChair:**
<https://easychair.org/conferences/?conf=wintechcon2019>
Login using your EasyChair account credentials. The site allows password reset.

STEP-3

Regular papers, Tutorials and Posters submission:

- If you wish to submit a regular paper, please follow the guidelines provided and prepare a paper in IEEE Conference format. Upload the paper in PDF before **May 31, 2019** (extended from May 3).
- IEEE Conference Format Template is available from <https://www.ieee.org/conferences/publishing/templates.html>
- The above format holds good for Poster papers.

Embedded Tutorial Proposals:

- It is expected that the authors are well known in the area of the tutorial and/or have several years of work experience in the area.
- Include the title, abstract (300 words) and the biography of presenter. Tutorials may have no more than 2 presenters.
- The tutorial duration is 1 hr. As a result, it must be a short tutorial on the recent advances in the topic.
- The proposal must bring out the motivation and the organization of the tutorial.

Demo projects:

- If you wish to submit a proposal for a DEMO, you must submit a set of foils in the format specified below. Convert your Power Point foils to PDF and upload before **May 31, 2019** (extended from May 3).
- PPT Template can be [downloaded](#) (pptx) here or [download](#) (zip).

Please note:

- The principal author and the presenter of the paper must be a woman engineer.
- File size should not exceed 5MB
- All the coauthors must be shown in the initial submission. No further authors can be added for selected papers.
- Submissions close on **May 31, 2019**, and all authors will be notified on the status of acceptance by **July 29, 2019**.
- Final submissions for the selected papers will be activated with notification

Registration Tariff and Mode of payment: Will be announced shortly