

IEEE World Technology Summit

AI Infrastructure

November 12-14, 2024,
San Jose Convention Center

AI is finding its way into a wide range of human activities. However, for AI to provide the desired solutions the infrastructure must be there to support it.

Infrastructure providers such as Intel, Google, Microsoft, Dell, HPE, and others are concerned about meeting the infrastructure needs of AI. With their feedback, we have organized an event to examine the issues and possible strategies around this area. These advances will not be realized unless vendors provide infrastructure to make it happen and they are clearly concerned.

We will address infrastructure needs for AI Applications, Silicon, Systems, and Security and Standards.

The 2024 IEEE World Technology Summit (WTS 2024) is for the design and development community that needs to define and implement the infrastructure elements needed to enable AI. To help guide product requirements, we share challenges and strategies that can lead to cooperation and successful implementations. For this event, we have engaged many top-notch speakers from different companies engaged in building elements of the AI infrastructure.

A selection of speakers includes:



Michael Condry
IEEE Fellow
WTS Chair



Tom Coughlin
IEEE President
2024



David Tennenhouse
NSF Senior Advisor to the
TIPS Directorate



AI Applications – November 13th – Morning Session



Yu Cao
CEO, Hermes
Microvision, Inc., an
ASML company



Jürgen
Weichenberger
SchneiderElectric



Venkat Thanvantri
VP, AI
Cadence

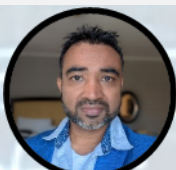


Ronjon Nag
Founder R42
Stanford



Dan Isaacs
CTO Digital
Twin Consortium

Silicon for AI - November 13th – Afternoon Session



Sandeep Giri
Google



Zane Ball
Corporate Vice
President, Intel



Alex Starr
Corporate Fellow,
AMD



Huiming Bu
VP Semiconductors
IBM



Woopoung
Kim
EVP, Samsung

AI Systems Design - November 14th – Morning Session



Jessica Bain
VP Grid Services
Grid-X Partners



Paolo Faraboschi
VP and Fellow
HPE



Peter Panfil
VP Vertiv
Global Power



Ali Heydari
Distinguished
Engineer, NVIDIA



Matt Davidsaver
Project Manager
General Electric

Security and Standards for AI - November 14th – Afternoon Session



Omar Santos,
Distinguished
Engineer,
Cisco



Wally Rhines
CEO Cornami



Jaya Baloo
CSO
Rapid7



Richard Tong
Chair IEEE
Standards on AI



David Sanker
SankerIP
Founder



Brandie
Nonnecke,
Founding
Director, CITRIS
Policy Lab

WTS 2024 offers the opportunity to network with others in your community, as well as interact with the AI industry's key business and technology leaders. Join us to learn the problems and be part of the solution!

The Sessions will be organized into four areas over the 2 days of the event. The 12th of November will feature a reception for all to engage and network.

The attending community includes product designers and developers, their leaders, and others engaged in product development that will benefit from engaging in this program. There will also be some members of the IEEE research community who may wish to study the concerns raised by industry leaders on the technical challenges of AI. Startups and entrepreneurs who engage will understand the visions and needs of companies building AI infrastructure and ways their business might fit in to address solutions.

Organization Leadership



Michael Condry
IEEE Fellow
WTS Chair



Stoyan Nihtianov
ASML
AI Applications
Session Chair



Frank Schirrmeyer
Synopsys
Silicon
Session Chair



Steve Jordan
Jordan Consulting
Systems
Session Chair



David M. Snyder, PE,
CISSP, CCSP
Security &
Standards
Session Chair

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