

# VOICE 2022 Technical Tracks

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- High Performance Digital (NEW)
- 5G/Millimeter Wave
- Factory Automation
- Parametric Test
- Hardware & Software Design Integration
- Test Methodologies
- T2000/T6391
- Emerging New Market Drivers and Trends (NEW)
- Device/System Level Test

# Technical Tracks & Topics

## 5G/Millimeter Wave

- 5G
- WiGig
- Wideband Radio Frequency (RF)

## High Performance Digital (NEW)

- Solutions addressing Artificial Intelligence & Machine Learning
- High Performance Computing
- High End Mobile Processors
- Power Distribution

## Factory Automation

- Methodologies, tools, and best practices that address the challenges in device production
- Improving test data quality, OEE, yield and uptime
- Reducing test excursion
- Improving cost management

## Parametric Test

- Cost of test reduction
- Throughput improvements
- Novel test techniques for parametric test or WLR
- Dynamic and predictive test flows
- Platform correlation techniques

## Hardware & Software Design Integration

- Utilizing the latest hardware or software features
- Test Cells
- New test system enhancements

## Test Methodologies

- Supporting standards & protocols
- Solutions for the latest testing challenges
- CoT reduction
- Throughput improvements
- Time-to-market improvements

## T2000/T6391

- Automotive controllers, Microcontrollers & Power ICs
- Sensor cameras
- Massive parallelism
- System level testing for SiP
- Display driver testing

## Emerging New Market Drivers and Trends (NEW)

- Smart Data Innovation & Big Data Analytics
- Secure Edge and Cloud Solutions
- Secure ID and Cyber Security
- Video streaming/telepresence
- IoT (Wearables, Sensors, Smart Cities & Homes)
- Hot Topics

## Device/System Level Test

- Specific procedures
- MIMO testing
- Next-generation Embedded Processors
- Broadband fiber to the home
- Testing ICs for autonomous vehicles
- Multi-chip system-in-package devices