Agenda Overview

Presentation Duration: Plenary Speaker (40mins); Keynote Speaker (30mins); Invited Speaker (20mins); Regular Paper (15mins)

October 27-30, 2026

On-site Registration & Conference Materials Collection

October 27, 2026

14:00-17:00	Tutorial 01: AI-Driven Modular Designs and Optimizations for RFICs	Tutorial Speaker Gaofeng Wang	Tutorial Speaker Yazi Cao						
	Tutorial 02: Smart Sensing SoCs Based on Heterogeneous CMOS-MEMS Integration and Sensor-AI Co-Designed Architectures	Tutorial Speaker Xiaojin Zhao	Tutorial Speaker Wei Xu						
16:00-17:30	Tutorial 03: Breaking the AI-Computing Driven Interconnect Bottleneck	Tutorial Speaker Yuan Du							
14:00-15:30	Tutorial 04: Artificial Intelligence for 6G: Implementations, Algorithms, and Optimizations	Tutorial Speaker Chuan Zhang							
14:00-17:00	Tutorial 05: Advanced Memory Systems: Design Principles and Emerging Trends	Tutorial Speaker Jianjun Luo	Tutorial Speaker Wei Mao						
14:00-15:30	Analog Competition Topic: AI Agent-Based Automatic Optimization Design of FVF LDO								
15:30-17:00	Digital Competition Topic: AI Agent-Based NPU Design and Verification								
18:00-20:30	Welcome Reception								

October 28, 2026

09:00-09:30	Opening Ceremony								
09:30-10:10	Plenary Speaker: Paul Penzes								
10:10-10:30	Coffee Break								
10:30-11:10	Plenary Speaker: Mohamad Sawan								
11:10-11:50	Plenary Speaker: Zhongfeng Wang								
11:50-12:30	Plenary Speaker: Wai Tung Ng								
12:30-13:30	Lunch								
13:30-15:30	Special Session 1: Ferroelectric Materials and Devices-I	Keynote Speaker Qianqian Huang	Invited Speaker Ran Cheng	Invited Speaker Jixuan Wu	Invited Speaker Kanhao Xue	Regular Paper 1816	Regular Paper 6560		
	Special Session 2: Oxide Semiconductor Devices-I	Keynote Speaker Guilei Wang	Invited Speaker Yuanyuan Shi	Invited Speaker Chang Niu	Invited Speaker Ao Liu	Regular Paper 1238			
	Technical Session 01: General Analog-I	Invited Speaker Run Min	Invited Speaker Zhuojun Chen	Regular Paper 5164	Regular Paper 2772	Regular Paper 3610	Regular Paper 2565	Regular Paper 3372	
	Technical Session 02: Power Devices & Power IC-I	Invited Speaker Denggui Wang	Invited Speaker Xin Zhou	Regular Paper 9452	Regular Paper 9183	Regular Paper 7770	Regular Paper 8272		
	Technical Session 03: RF & Wireless-I	Keynote Speaker Zhe Liu	Invited Speaker Kai Li	Invited Speaker Geliang Yang	Invited Speaker Liang Gao	Regular Paper 5295	Regular Paper 8809		
	Technical Session 04: Semiconductor Process Technologies-I	Invited Speaker Niko Münzenrieder	Regular Paper 3321	Regular Paper 4143	Regular Paper 8349	Regular Paper 4140	Regular Paper 9085		
	Technical Session 05: Wireline	Invited Speaker Zhao Zhang	Regular Paper 2469	Regular Paper 9655	Regular Paper 8481	Regular Paper 6542	Regular Paper 7980	Regular Paper 6837	
	Technical Session 06: Digital Circuits-I	Keynote Speaker Philippe Royannez	Regular Paper 9416	Regular Paper 8646	Regular Paper 0104	Regular Paper 6967	Regular Paper 8390		
15:30-16:00	Coffee Break								
15:30-16:00	Poster Session 01	Regular Paper 7539	Regular Paper 3887	Regular Paper 0480	Regular Paper 2432	Regular Paper 3846	Regular Paper 2826	Regular Paper 6470	Regular Paper 2947
		Regular Paper 4448	Regular Paper 8084	Regular Paper 0672	Regular Paper 7337	Regular Paper 6981	Regular Paper 1112	Regular Paper 0058	Regular Paper 8423
		Regular Paper 0201	Regular Paper 2294	Regular Paper 4007	Regular Paper 9001	Regular Paper 0210	Regular Paper 6529		
15:45-18:15	Outstanding Young Scholar Session								
16:00-18:00	Technical Session 07: Device Reliability & Security-I	Keynote Speaker Yuhao Zhang	Invited Speaker Xuanze Zhou	Invited Speaker Hong Yang	Invited Speaker Xiaolei Wang	Regular Paper 5124	Regular Paper 0003		
	Technical Session 08: Design Methodology & EDA-I	Regular Paper 9207	Regular Paper 1220	Regular Paper 9487	Regular Paper 9296	Regular Paper 0980	Regular Paper 5989	Regular Paper 7773	
	Technical Session 09: Power Devices & Power IC-II	Invited Speaker Qimeng Jiang	Invited Speaker Kemeng Yang	Invited Speaker Jie Wei	Invited Speaker Yang Liu	Regular Paper 1848	Regular Paper 3489		
	Technical Session 10: Digital Architectures & Systems-I	Regular Paper 3945	Regular Paper 8545	Regular Paper 3566	Regular Paper 9177	Regular Paper 4169	Regular Paper 0117	Regular Paper 8568	Regular Paper 6054
	Technical Session 11: CMOS Logic Devices & Sensors-I	Keynote Speaker Hailin Peng	Invited Speaker Jiezhi Chen	Invited Speaker SangHoon Shin	Invited Speaker Ran Cheng	Regular Paper 8297	Regular Paper 6136		
	Technical Session 12: Optoelectronics and Silicon Photonics Integration-I	Invited Speaker Tong Lin	Invited Speaker Zhengjin Weng	Invited Speaker Xuefei Li	Invited Speaker Junying Li	Regular Paper 5667	Regular Paper 8035		
	Technical Session 13: Packaging Technologies	Invited Speaker Hong Xie	Invited Speaker Tian Feng	Invited Speaker Junjie Wang	Regular Paper 5013	Regular Paper 5231	Regular Paper 1014	Regular Paper 9351	
18:30-20:30	Banquet								

Agenda Overview

October 29, 2026

09:00-09:40	Plenary Speaker: Hanming Wu								
09:40-10:20	Plenary Speaker: Jianjun Luo								
10:20-10:50	Coffee Break								
10:50-11:30	Plenary Speaker: Zewen Liu								
11:30-12:00	Keynote Speaker: Mingyuan Liu								
12:00-13:30	Lunch								
13:30-15:30	Special Session 1: Ferroelectric Materials and Devices -II	Keynote Speaker Xiaolei Wang	Invited Speaker Jiangbin Wu	Invited Speaker Yan Cheng	Invited Speaker Jin Luo	Regular Paper 6374	Regular Paper 6399		
	Special Session 2: Oxide Semiconductor Devices -II	Keynote Speaker Chuan Liu	Invited Speaker Fei Mo	Invited Speaker Yuye Kang	Invited Speaker Wangran Wu	Invited Speaker Guanhua Yang	Regular Paper 9149		
	Technical Session 14: General Analog -II	Invited Speaker Jian Zhao	Invited Speaker Zhong Tang	Regular Paper 5616	Regular Paper 6005	Regular Paper 9724	Regular Paper 9822	Regular Paper 7717	
	Technical Session 15: Power Devices & Power IC-III	Invited Speaker & Regular Paper Guoliang Yao (3527)	Invited Speaker Wen Yang	Invited Speaker & Regular Paper Yawei Chen (6519)	Invited Speaker Huaxing Jiang	Regular Paper 9728			
	Technical Session 16: CMOS Logic Devices & Sensors -II	Keynote Speaker Linxi Dong	Invited Speaker Han Li	Invited Speaker Junwei Luo	Invited Speaker Hua Fan	Regular Paper 1799	Regular Paper 4599		
	Technical Session 17: Device Reliability & Security -II	Invited Speaker Yixu Yao	Invited Speaker Han Yang	Invited Speaker & Regular Paper Wei Jia ZHANG (7537)	Regular Paper 9973	Regular Paper 8052	Regular Paper 2205		
	Technical Session 18: RF & Wireless -II	Keynote Speaker Chun Wang	Invited Speaker Bingzheng Yang	Invited Speaker Francois Rivet	Regular Paper 7588	Regular Paper 5462	Regular Paper 6698		
	Technical Session 19: Digital Architectures & Systems -II	Keynote Speaker Fakhrul Zaman Rokhani	Invited Speaker Letian Huang	Regular Paper 0152	Regular Paper 8604	Regular Paper 7929	Regular Paper 9055	Regular Paper 7965	
15:30-16:00	Coffee Break								
15:30-16:00	Poster Session 02	Regular Paper 3311	Regular Paper 0051	Regular Paper 9337	Regular Paper 9475	Regular Paper 8855	Regular Paper 0006	Regular Paper 7325	Regular Paper 4605
		Regular Paper 4861	Regular Paper 2683	Regular Paper 2863	Regular Paper 3858	Regular Paper 6180	Regular Paper 9260	Regular Paper 9932	Regular Paper 6799
		Regular Paper 3220	Regular Paper 1067	Regular Paper 5160	Regular Paper 1406	Regular Paper 8987	Regular Paper 1998		
16:00-18:00	Special Session 1: Ferroelectric Materials and Devices -III	Keynote Speaker Hangbing Lv	Invited Speaker Bing Chen	Invited Speaker Xiuyan Li	Invited Speaker Fei Mo	Regular Paper 1783	Regular Paper 4569		
	Technical Session 20: Optoelectronics and Silicon Photonics Integration -II	Invited Speaker Peng Xiao	Invited Speaker Junyong Wang	Invited Speaker Yuanfang Yu	Regular Paper 5840	Regular Paper 6800	Regular Paper 7110	Regular Paper 2442	
	Technical Session 21: Design Methodology & EDA -II	Keynote Speaker Xiaohang Wang	Regular Paper 9212	Regular Paper 4987	Regular Paper 5473	Regular Paper 9710	Regular Paper 5636	Regular Paper 0578	Regular Paper 4366
	Technical Session 22: Power Devices & Power IC-IV	Invited Speaker Wei Huang	Invited Speaker Hao Yuan	Invited Speaker Zhong Chen	Regular Paper 9133	Regular Paper 1303	Regular Paper 6601		
	Technical Session 23: CMOS Logic Devices & Sensors -III	Invited Speaker Jun Luo	Invited Speaker Liang Ran	Regular Paper 2656	Regular Paper 9607	Regular Paper 8150			
	Technical Session 24: Device Reliability & Security -III	Invited Speaker Takuya Maeda	Invited Speaker Chao Liu	Invited Speaker Bin Hou	Regular Paper 7005	Regular Paper 5000	Regular Paper 4073	Regular Paper 6551	
	Technical Session 25: Semiconductor Process Technologies -II	Regular Paper 3857	Regular Paper 5618	Regular Paper 8867	Regular Paper 9562	Regular Paper 3957	Regular Paper 7369	Regular Paper 9671	
	Technical Session 26: Digital Circuits -II	Regular Paper 4409	Regular Paper 9733	Regular Paper 3551	Regular Paper 1458	Regular Paper 2907	Regular Paper 2992	Regular Paper 0009	

October 30, 2026

09:00-10:15	Special Session 1: Ferroelectric Materials and Devices -IV	Invited Speaker Yue-Yang Liu	Invited Speaker Sungjun Kim	Invited Speaker Xiwen Liu	Regular Paper 4638				
	Technical Session 27: General Analog -III	Regular Paper 9790	Regular Paper 4671	Regular Paper 4768	Regular Paper 7205	Regular Paper 1129			
	Technical Session 28: CMOS Logic Devices & Sensors -IV	Regular Paper 0766	Regular Paper 1015	Regular Paper 8077	Regular Paper 0950	Regular Paper 6038			
	Technical Session 29: Power Devices & Power IC-V	Regular Paper 6761	Regular Paper 0356	Regular Paper 6477	Regular Paper 0132	Regular Paper 3359			
	Technical Session 30: Design Methodology & EDA -III	Regular Paper 2198	Regular Paper 3881	Regular Paper 5675	Regular Paper 5183	Regular Paper 8562			
	Technical Session 31: Device Reliability & Security -IV	Regular Paper 5383	Regular Paper 2663	Regular Paper 1504	Regular Paper 6963	Regular Paper 6360			
	Special Session 3: Advanced Memory and Computing -In-Memory Circuit Design	Regular Paper 5732	Regular Paper 8284	Regular Paper 8579	Regular Paper 0729				
	Technical Session 32: Digital Architectures & Systems -III	Regular Paper 2092	Regular Paper 6087	Regular Paper 0039	Regular Paper 1104	Regular Paper 5927			
10:15-10:45	Coffee Break								

Agenda Overview

10:15-10:45	Poster Session 03	Regular Paper 6770	Regular Paper 7467	Regular Paper 4183	Regular Paper 6658	Regular Paper 3348	Regular Paper 1187	Regular Paper 2777	Regular Paper 9774
		Regular Paper 7989	Regular Paper 1935	Regular Paper 6930	Regular Paper 2295	Regular Paper 6048	Regular Paper 5695	Regular Paper 2741	Regular Paper 1663
		Regular Paper 4467	Regular Paper 5126	Regular Paper 1616	Regular Paper 8730	Regular Paper 7712	Regular Paper 0415	Regular Paper 5230	
10:45-12:00	Special Session 1: Ferroelectric Materials and Devices -V	Invited Speaker Yu Zhou	Invited Speaker Lin Chen	Invited Speaker Xunzhao Yin	Regular Paper 9727				
	Technical Session 33: General Analog -IV	Regular Paper 0400	Regular Paper 9035	Regular Paper 0093	Regular Paper 5711	Regular Paper 8731			
	Technical Session 34: CMOS Logic Devices & Sensors -V	Regular Paper 6756	Regular Paper 8848	Regular Paper 9814	Regular Paper 7439	Regular Paper 0862			
	Technical Session 35: Power Devices & Power IC-VI	Regular Paper 1471	Regular Paper 3156	Regular Paper 5714	Regular Paper 8679	Regular Paper 2835			
	Technical Session 36: Design Methodology & EDA -IV	Regular Paper 7033	Regular Paper 8134	Regular Paper 2116	Regular Paper 2192	Regular Paper 1707			
	Technical Session 37: Device Reliability & Security -V	Regular Paper 3381	Regular Paper 6677	Regular Paper 5031	Regular Paper 3410	Regular Paper 4642			
	Technical Session 38: Power Devices & Power IC-VII	Regular Paper 6642	Regular Paper 4138	Regular Paper 7766	Regular Paper 9882	Regular Paper 6754			
	Technical Session 39: RF & Wireless -III	Regular Paper 3883	Regular Paper 4106	Regular Paper 4713	Regular Paper 1915	Regular Paper 7837			
12:00-13:30	Lunch								
13:30-15:30	Special Session 1: Ferroelectric Materials and Devices -VI	Invited Speaker Houfang Liu	Invited Speaker Lang Zeng	Invited Speaker Zhiyuan Fu	Invited Speaker Haiwen Xu	Invited Speaker Xubing Lu	Regular Paper 1943		
	Technical Session 40: General Analog -V	Regular Paper 7917	Regular Paper 8600	Regular Paper 4411	Regular Paper 0190	Regular Paper 0798	Regular Paper 2087	Regular Paper 8407	Regular Paper 4512
	Technical Session 41: CMOS Logic Devices & Sensors -VI	Regular Paper 5569	Regular Paper 3337	Regular Paper 4396	Regular Paper 7270	Regular Paper 0713	Regular Paper 4066	Regular Paper 9189	Regular Paper 4487
	Technical Session 42: Power Devices & Power IC-VIII	Regular Paper 3081	Regular Paper 4733	Regular Paper 8585	Regular Paper 0182	Regular Paper 9896	Regular Paper 0223	Regular Paper 0280	Regular Paper 4529
	Technical Session 43: Design Methodology & EDA -V	Regular Paper 4852	Regular Paper 2967	Regular Paper 1740	Regular Paper 0184	Regular Paper 1701	Regular Paper 6366	Regular Paper 0663	Regular Paper 9613
	Technical Session 44: Device Reliability & Security -VI	Regular Paper 2353	Regular Paper 6294	Regular Paper 9493	Regular Paper 0366	Regular Paper 2684	Regular Paper 4431	Regular Paper 9853	Regular Paper 9344
	Technical Session 45: Power Devices & Power IC-IX	Regular Paper 0833	Regular Paper 1643	Regular Paper 9741	Regular Paper 7291	Regular Paper 0926	Regular Paper 1438	Regular Paper 6684	Regular Paper 6625
	Technical Session 46: RF & Wireless -IV	Regular Paper 5558	Regular Paper 0728	Regular Paper 5437	Regular Paper 9865	Regular Paper 1072	Regular Paper 2417	Regular Paper 2028	Regular Paper 1905
15:30-16:00	Coffee Break								
15:30-16:00	Poster Session 04	Regular Paper 7333	Regular Paper 4275	Regular Paper 7596	Regular Paper 3208	Regular Paper 8260	Regular Paper 6406	Regular Paper 2554	Regular Paper 8443
		Regular Paper 6970	Regular Paper 0819	Regular Paper 4360	Regular Paper 1355	Regular Paper 0007	Regular Paper 9496	Regular Paper 7468	Regular Paper 4192
		Regular Paper 4686	Regular Paper 6086	Regular Paper 4696	Regular Paper 6284	Regular Paper 6871			
16:00-18:00	Technical Session 47: Power Devices & Power IC-X	Regular Paper 1983	Regular Paper 3192	Regular Paper 6387	Regular Paper 7047	Regular Paper 6026	Regular Paper 5797	Regular Paper 2204	
	Technical Session 48: General Analog -VI	Regular Paper 0705	Regular Paper 2617	Regular Paper 2919	Regular Paper 5639	Regular Paper 7648	Regular Paper 1207	Regular Paper 1535	Regular Paper 3294
	Technical Session 49: CMOS Logic Devices & Sensors -VII	Regular Paper 9348	Regular Paper 6212	Regular Paper 5488	Regular Paper 2463	Regular Paper 2972	Regular Paper 1306	Regular Paper 1149	
	Technical Session 50: Power Devices & Power IC-XI	Regular Paper 8311	Regular Paper 4037	Regular Paper 7299	Regular Paper 0315	Regular Paper 1364	Regular Paper 7836	Regular Paper 4108	Regular Paper 3537
	Technical Session 51: RF & Wireless -V	Regular Paper 3149	Regular Paper 2484	Regular Paper 5169	Regular Paper 2424	Regular Paper 8573	Regular Paper 6674	Regular Paper 8826	Regular Paper 3580
	Technical Session 52: Device Reliability & Security -VII	Regular Paper 4909	Regular Paper 4130	Regular Paper 0589	Regular Paper 7505	Regular Paper 4238	Regular Paper 5956		
	Technical Session 53: Semiconductor Process Technologies -III	Regular Paper 7415	Regular Paper 6002	Regular Paper 6604	Regular Paper 2402	Regular Paper 5027	Regular Paper 2961		
	Technical Session 54: Digital Architectures & Systems -IV	Regular Paper 9684	Regular Paper 1167	Regular Paper 1285	Regular Paper 6879	Regular Paper 1730	Regular Paper 7581	Regular Paper 6076	Regular Paper 8021