

IEEE ICDV 2026 Program at a Glance

	Room: Hoan Kiem	Room: Ba Dinh
Time (Hanoi)	Oct. 08	
7:30-8:30	Registration	
8:30-8:50	Opening Session	
8:50-9:25	Keynote 1: “Next-Generation IC Security: Resilient Hardware Design and AI-Enabled Forensic Verification” <i>Prof. Bah-Hwee Gwee, Nanyang Technological University, Singapore</i>	
9:25-10:00	Keynote 2: “Enforcing Security in the Supply Chain of Chiplets through Transparency” <i>Dr. Sylvain Guilley, Cadence Design Systems and Telecom Paris, France</i>	
10:00-10:25	Coffee break	
10:25-11:55	Session R1: 5 papers/90 min Memory, digital systems and testing	Session R2: 5 papers/90 min AI, IoT & communications 1
12:00-13:20	Lunch	
13:30-14:05	Keynote 3: “Practical Non-Destructive Detection: Case Study of Durain, Mangosteen, and Granular Ingredients” <i>Prof. Kosin Chamnongthai, King Mongkut’s University of Technology Thonburi, Thailand</i>	
14:05-14:30	Invited talk 1: Bridging the Gap Between Specification and Reality: Cellular Modem Development and Global Field Testing <i>Prof. Chaehag Yi, Seoul National University, Korea</i>	
14:30-14:55	Coffee break	
14:55-16:07	Session R3: 4 papers/72 min FPGA and Embedded systems 1	Session R4: 4 papers/72 min Analog/mixed-signal circuits 1
16:10-17:40	Session R5: 5 papers/90 min Hardware security and cryptography 1	Session R6: 5 papers/90 min RF, Microwave circuits and related topics
18:30-21:00	Gala Dinner	
	Oct. 09	
7:30-8:00	Registration	
8:00-8:25	Invited Talk 2: “Open-Source EDA and PDKs in VLSI Design: The Era of Agentic AI, Maturing Ecosystems, and Democratized Silicon” <i>Prof. Trong-Thuc Hoang, University of Electro-Communications, Japan & Prof. Van-Phuc Hoang, Le Quy Don Technical University, Vietnam</i>	
8:25-8:50	Invited talk 3: A Methodology to Derive Security Specifications for Complex Electronic Systems <i>Sylvain Guilley (Telecom Paris & Cadence Design Systems, France), Ritu-Ranjan Shrivastwa and Ville Yli-Mayry (Cadence Design Systems, France)</i>	
8:50-9:25	Keynote 4: “From Cloud Datacenters to Secure Edge: Review of Compute-in-Memory at EUV/FINFET Era” <i>Prof. Koichiro Ishibashi, Universiti Teknologi Malaysia Kuala Lumpur (UTMKL), Malaysia</i>	
9:25-9:45	Coffee break	
9:45-11:40	Invited talk 4: “Phase measuring deflectometry: A full-field and high-accuracy 3D optical metrology technique for advanced packaging process” (25 min) <i>Dr. The-Manh Nguyen, Nexensor</i> Session R7: 5 papers/90 min FPGA and Embedded Systems 2	Session R8: 6 papers/108 min AI, Quantum Tech. & Secure Autonomous UxV Systems
11:50-13:10	Lunch	

13:15-13:50	Keynote 5: “Hardware Accelerator Design and Optimization for Functional Encryption” <i>Prof. Makoto IKEDA, The University of Tokyo, Japan</i>	
13:50-14:25	Keynote 6: “Advances in Energy-Efficient Always-On AI Accelerator Architectures - From Battery-Powered to Purely-Harvested Systems” <i>Prof. Massimo Alioto, National University of Singapore</i>	
14:25-14:45	Coffee break	
14:45-16:15	Session R9: 5 papers/90 min <i>AI, IoT & communications 2</i>	Session R10: 5 papers/90 min <i>Analog/mixed-signal circuits 2</i>
16:15-17:27	Session R11: 4 papers/72 min <i>Semiconductor Technology</i>	Session R12: 4 papers/72 min <i>Hardware security and cryptography 2</i>
17:30-17:40	Closing	
	Oct. 10	
9:30-11:00	Committee Meeting	

Conference venue: 5F, S1 building, Le Quy Don Technical University, 236 Hoang Quoc Viet str., Nghia Do ward, Hanoi, Vietnam

Restaurant for Gala Dinner: Ruby 2 Hall, Trống Đồng Palace, no. 72 Tran Dang Ninh, Nghia Do ward, Hanoi.

Time for presentations:

Keynotes: 30 min for presentation and 5 min for Q&A

Invited talks: 20 min for presentation and 5 min for Q&A

Regular papers: 14 min for presentation and 4 min for Q&A

Notes: Please copy your presentation slides to the laptop at the session rooms before your sessions.

All foreigner participants must be with the passports to enter the conference venue.