

## 2023 WLS Symposium on Technology, Systems and Applications

April 17-20, 2023 Hsinchu, Taiwan

Joint Session TSA Session DAT Session

Time	Monday, A	oril 17	Time	Tuesday, April 1	8	Time		Vednesda	y, April 1	9	Time		Thursday	April 20	
				Ballroom A+B / 10 <sup>th</sup> Floor			Ballroom B / 10 <sup>th</sup> Floor				Ballroom B / 10 <sup>th</sup> Floor				
		09:00 I 09:50	Opening & Award Ceremony		08:30 I 10:10	J3: Plenary Session 08:30 J3-1 Disruptive Approaches Towards Energy Efficient VLSI Technologies Olivier Faynot CEA-Leti 09:20 J3-2 Multimodal Al: How It's Changing Our Lives? Frank Wang			08:30 I 10:10	J6: Plenary Session 08:30 J6-1 Neuromorphic Computing with Computation-in-Memory (CIM) Ken Takeuchi The University of Tokyo  09:20 J6-2 VLSI Design and Test View of Computer Security Shih-Lien Lu					
							NVIDIA				Warner Pacific University				
			10:10	J1: Plenary Session 10:10 J1-1 Building a Quantum Computer			Ballroom A 10 <sup>th</sup> Floor  T5 Paper Session	Ballroom B 10 <sup>th</sup> Floor T6 Special Session	Ballroom C 10 <sup>th</sup> Floor T7 Paper Session	Ballroom D 11 <sup>th</sup> Floor D3 Special Session		Ballroom A 10 <sup>th</sup> Floor  T9 Paper Session	Ballroom B 10 <sup>th</sup> Floor T10 Special Session	Ballroom C 10 <sup>th</sup> Floor D8 Special Session	Ballroom D 11 <sup>th</sup> Floor D9 Industrial Session
			11:50	John Martinis UC Santa Barbara		10:20 I		Advanced Packaging Technologies		Compute-in-Memory: From Architecture to Devices	10:20 I	Memory and Storage Technology	Dielectric Stacking and Interface Engineering		Enabling Practices of Silicon Life-cycle Management  11:30 Start
				11:00 <b>J1-2</b> Industry Scale Reuse in the Chiplet E <b>Robert Munoz</b> Intel	Era	12:05					12:40			12:05 END	Industrial Session  Cutting-Edge Computing Technologies from Purpose-Built Accelerators, Unified Memory Interfaces, to AI SoC Design Flows
			12:50 I 13:40	<b>T1: Poster Session</b> (Ballroom D / 11 <sup>th</sup> Floor) Time for exchanging ideas with the poster presenters		12:50 I 13:30	<b>J4: Luncheon Keynote</b> (Ballroom B / 10 <sup>th</sup> Floor) The Revolution of AI in Intelligent System Design <b>Brian Sung</b> , Candence								
	Ballroom A 10 <sup>th</sup> Floor 10 <sup>th</sup> Floor 13:30 Start 13:30 Start	Ballroom C 10 <sup>th</sup> Floor 12:30 Start			Mezzanine A+B 13 <sup>th</sup> Floor  T3		Ballroom A 10 <sup>th</sup> Floor T8	Ballroom B 10 <sup>th</sup> Floor J5	Ballroom C 10 <sup>th</sup> Floor D4	Ballroom D 11 <sup>th</sup> Floor D5					