TIME	S#	SESSION TITLE	S#	SESSION TITLE		
		MONDAY				
8:00 - 8:30	1	Opening P	lena ynot			
	2		,			
	2	Evgen				
8:30- 9:30		Senior Director of Engine B	erin BREAK			
		CRT - I		CAD - I		
				1. Halima Najibi; Jorge Hunter; Alexandre Levisse; Marina Zapater; Miroslav Vasic; David Atienza; "Enabling Optimal Power Generation of Flow Cell Arrays in 3D MPSoC with On-Chip Switched Capacitor		
		1.Mounika Kelam; Battu Balaji Yadav; Zia Abbas; "A Compact, Power Efficient, Self-Adaptive and PVT		Converters". [ID: 84; Number: 1570637939] * 2. Yaguang Li; Yishuang Lin; Meghna Madhusudan; Arvind Sharma; Wenbin Xu; Sachin Sapatnekar;		
		Invariant CMOS Relaxation Oscillator". [ID: 147; Number: 1570639013] * 2.Ahmad Tarraf; Niklas Kochdumper; Malgorzata Rechmal-Lesse; Markus Olbrich; Lars Hedrich;		Ramesh Harjani; Jiang Hu; "Exploring a Machine Learning Approach to Performance Driven Analog IC		
9:30-11:00	3	"Equivalence Checking Methods for Analog Circuits Using Continuous Reachable Sets". [ID: 142;	4	Placement". [ID: 13; Number: 1570631897] 3.Marcos Tomazzoli Leipnitz; Murilo Roschildt Perleberg; Marcelo Porto; Gabriel Luca Nazar; "Enhancing		
		Number: 1570638918] 3.Smrutilekha Samanta; Santanu Sarkar; "A 1.8V 8-Bit 500 MSPS Segmented Current Steering DAC with		Real-Time Motion Estimation Through Approximate High-Level Synthesis". [ID: 42; Number:		
		>66 dB SFDR". [ID: 12; Number: 1570631801]		1570637242] 4.loannis Galanis; Iraklis Anagnostopoulos; Chinh Nguyen; Guillermo Bares; Dona Burkard; "Inference		
				and Energy Efficient Design of Deep Neural Networks for Embedded Devices". [ID: 119; Number: 1570638172]		
		DCF - I		EPT - I		
		1.Amin Norollah; Zahra Kazemi; David Hély; "3D-Sorter: 3D Design of a Resource-aware Hardware Sorter				
		for Edge Computing Platforms Under Area and Energy Consumption Constraints". [ID: 107; Number:		1.Abdulqader Nael Mahmoud; Frederic Vanderveken; Christoph Adelmann; Florin Ciubotaru; Sorin Cotofana; Said Hamdioui; "2-Output Spin-wave Programmable Logic Gate". [ID: 5; Number:		
11:00-12:30	5	1570638110] * 2.Suraj Dohar; Siddharth Kala; Vasantha MH; Y B N Kumar; "A Novel Single Event Upset Tolerant 12T	6	1570625305] *		
		Memory Cell for Aerospace Applications". [ID: 121; Number: 1570638181] * 3.Ameer Shalabi; Kolin Paul; Tara Ghasempouri; Jaan Raik; "NV-SP: A New High Performance and Low		2.Marcel Walter; Robert Wille; Frank Torres; Rolf Drechsler; "Bail on Balancing: An Alternative Approach to the Physical Design of Field-coupled Nanocomputing Circuits". [ID: 14; Number: 1570632587] *		
		Energy NVM-Based Scratch Pad". [ID: 10; Number: 1570631522]		3.Baogang Zhang; M. G. Sarwar Murshed; Faraz Hussain; Rickard Ewetz; "Fast Resilient-Aware Data		
12:30-1:00		В	REAK	Layout Organization for Resistive Computing Systems". [ID: 34; Number: 1570636004]		
		DCF - II 1.Gopal Raut; Shubham Rai; Santosh Vishvakarma; Akash Kumar; "A CORDIC Based Configurable		SDS - I		
		Activation Function for ANN Applications". [ID: 156; Number: 1570639355] *		1.Seungseok Nam; Emil Matus; Sadia Moriam; Gerhard P. Fettweis; "Path-spreading Search Algorithm and ASIP Approach for Connection Allocation in TDM-NoCs". [ID: 11; Number: 1570631539] *		
4 00 0 00	_	2.Raunaq Nayar; Padmanabhan Balasubramanian; Douglas Maskell; "Hardware Optimized Approximate Adder with Normal Error Distribution". [ID: 46; Number: 1570637419]		2.Vinay C Patil; Sandip Kundu; "On Leveraging Multi-threshold FinFETs for Design Obfuscation". [ID:		
1:00-2:30	′	3. Yirong Kan; Man Wu; Renyuan Zhang; Yasuhiko Nakashima; "A Multi-Grained Reconfigurable	8	146; Number: 1570638983] 3.Michaela Brunner; Michael Gruber; Michael Tempelmeier; Georg Sigl; "Logic Locking Induced Fault		
		Accelerator for Approximate Computing". [ID: 66; Number: 1570637809] 4.Mohammadreza Esmali Nojehdeh; Levent Aksoy; Mustafa Altun; "Efficient Hardware Implementation		Attacks". [ID: 70; Number: 1570637902] 4. Nourhan Elhamawy; Maël Gay; Ilia Polian; "An Open-source Area-optimized ECEG Cryptosystem in		
		of Artificial Neural Networks Using Approximate Multiply-Accumulate Blocks". [ID: 103; Number: 1570638095]		Hardware". [ID: 104; Number: 1570638098]		
		QCW - I		SDS - II		
		1.1570636792: Oumarou Oumarou; Alexandru Paler; Robert Basmadjian, "QUANTIFY: A Framework for		1.Abhijit Das; Abhishek Kumar; John Jose; Maurizio Palesi; "Exploiting On-Chip Routers to Store Dirty Cache Blocks in Tiled Chip Multi-Processors". [ID: 96; Number: 1570638065] *		
		Resource Analysis and Design Verification of Quantum Circuits" 2.1570637467: Giovanni A Cirillo; Giovanna Turvani; Mario Simoni; Mariagrazia Graziano, "Advances in		2.Hadi Mardani Kamali; Kimia Zamiri Azar; Houman Homayoun; Avesta Sasan; "SCRAMBLE: The State, Connectivity and Routing Augmentation Model for Building Logic Encryption". [ID: 126; Number:		
2:30-4:00	9	Molecular Quantum Computing: From Technological Modeling to Circuit Design" 3.1570637658: Thomas Ayral; François-Marie Le Régent; Zain Saleem; Yuri Alexeev; Martin Suchara,	10	1570638207] *		
		"Quantum Divide and Compute: Hardware Demonstrations and Noisy Simulations"		3.Subodha Charles; Prabhat Mishra; "Lightweight and Trust-aware Routing in NoC Based SoCs". [ID: 15; Number: 1570632686]		
		4.1570637803: Shaun C Miller, "Quantum Resource Counts for Operations Constructed from an Addition Circuit"		4.Subodha Charles; Prabhat Mishra; "Securing Network-on-Chip Using Incremental Cryptography". [ID: 16; Number: 1570632694]		
4:00-4:30			BREAL			
		STUDENT RE	SEAF	RCH FORUM		
		1 Marcal Walter: Polf Drecheler "Design Automation for F	اماط-د	ounled Nanatechnologies" [ID: 92: Paner#: 1570638052]		
4:30-6:00	11					
		 Mehran Goli; Rolf Drechsler, "Automated Design Understanding of SystemC-based Vi 4.Sukarn Agarwal, "LiNoVo: Longevity Enhancement of Non-Volatile I 				
		TUESDAY J	JUL\ /not			
8:30- 9:30	12	David Ati				
		Swiss Federal Institute of Techno		,		
		CRT - II	BREA	SDS - III		
				1.Mahdi Zahedi; Mahta Mayahinia; Muath Abu Lebdeh; Stephan Wong; Said Hamdioui; "Efficient		
		1.Biswajit R. Bhowmik; Santosh Biswas; Jatindra Kumar Deka; Bhargab Bhattachraya; "Locating Open-		Organization of Digital Periphery to Support Integer Datatype for Memristor-based CIM". [ID: 60;		
9:30-11:00	13	Channels in Octagon Networks on Chip-Microprocessors". [ID: 48; Number: 1570637456] 2.Chen-hui Feng; Hui Qian; Zhongfeng Wang; "An Implementation of Pre-Quantized Random	14	Number: 1570637707] 2.Shashank Suman; Hemangee Kapoor; "Reinforcement Learning Based Refresh Optimized Volatile STT-		
		Demodulator Based on Amplitude-to-Pulse Converter". [ID: 30; Number: 1570635218] 3.Prema Kumar Govindaswamy; Vijaya Sankara Rao Pasupureddi; "A 2^7-1 Low-Power Half-Rate 16-Gb/s		RAM Cache". [ID: 109; Number: 1570638113] 3.Yaohua Wang; Xiaowen Chen; Hu Xiao; "Associative Thread Compaction for Efficient Control Flow		
		Charge-Mode PRBS Generator in 1.2V, 65 nm CMOS". [ID: 101; Number: 1570638086]		Handling in GPGPUs". [ID: 39; Number: 1570637171]		
		AFC - I 1.Anthony Bisulco; Fernando Cladera Ojeda; Volkan Isler; Daniel D. Lee; "Near-chip Dynamic Vision		Special Session: Secure and High-Speed Electronic Systems - I		
		Filtering for Low-Bandwidth Pedestrian Detection". [ID: 132; Number: 1570638218] *				
		2.Saurabh Tewari; Kolin Paul; Anshul Kumar; "Bus Width Aware Off-Chip Memory Access Minimization for CNN Accelerators". [ID: 6; Number: 1570629448] *		1.1570637290: Ibrahim Latunde Olokodana; Saraju P Mohanty; Elias Kougianos, "Distributed Kriging- Bootstrapped DNN Model for Fast, Accurate Seizure Detection from EEG Signals"		
11:00-12:30	15	3. Junseok Oh; Florian Neugebauer; Ilia Polian; John Hayes; "Retraining and Regularization to Optimize Neural Networks for Stochastic Computing". [ID: 18; Number: 1570632776]	16	2.1570639992: Sheikh Ariful Islam; Srinivas Katkoori, "SafeController: Efficient and Transparent		
		4.Margherita Ronchini; Milad Zamani; Hooman Farkhani; Farshad Moradi; "Tunable Voltage-mode		Control-Flow Integrity for RTL Design" 3.1570644287: Liuting Shang; Muhammad Adil; Ramtin Madani; Chenyun Pan, "Fast Linear		
		Subthreshold CMOS Neuron". [ID: 123; Number: 1570638190] 5.Bokyung Kim; Hai (Helen) Li; "Leveraging 3D Vertical RRAM to Developing Neuromorphic Architecture		Programming Optimization Using Crossbar-Based Analog Accelerator"		
42.22 (22		for Pattern Classification". [ID: 166; Number: 1570639436]				
12:30-1:00		QCW-II	BREA	Special Session: Secure and High-Speed Electronic Systems - II		

1:00-2:30	1.1570637915: Daniel Vert; Renaud Sirdey; Stéphane Louise, "Operational Quantum Annealers are Cursed by Their Qubits Interconnection Topologies" 2.1570638331: Teruo Tanimoto; Shuhei Matsuo; Satoshi Kawakami; Yutaka Tabuchi; Masao Hirokawa; Koji Inoue, "How Many Trials Do We Need for Reliable NISQ Computing?" 3.1570638332: Teruo Tanimoto; Shuhei Matsuo; Satoshi Kawakami; Yutaka Tabuchi; Masao Hirokawa; Koji Inoue, "Practical Error Modeling Toward Realistic NISQ Simulation" 4.1570639490: Suvadip Batabyal; Lovekush Sharma, "A Quantum Pipeline for an Executable Quantum Instruction Set Architecture"	1.1570640813: Yuwen Cui; Shakthi Prabhakar; Hui Zhao; Saraju P Mohanty; Juan Fang, "A Low-Conflict-free NoC Architecture for Heterogeneous Multicore Systems" 2.1570640814: Juan Fang; Jiaxing Zhang; Shuaibing Lu; Hui Zhao "Exploration on Task Schedulin Strategy for CPU-GPU Heterogeneous Computing System" 3.1570643880: Yang Wu; Himanshu Thapliyal, "Low-Power and Energy-Efficient Full Adders wi
	CRT - III	DCF - III
2:30-4:00	1. Christos Georgakidis; Christos P Sotiriou; Nikolaos Sketopoulos; Milos Krstic; Oliver Schrape; Anselm Breitenreiter; "Radiation Hardening Legalisation Satisfying TMR Spacing Constraints". [ID: 61; Number: 1570637719] 2. Farzane Rabiee; Mostafa Kajouyan; Newsha Estiri; Jordan Fluech; Mahdi Fazeli; Ahmad Patooghy; "Enduring Non-Volatile L1 Cache Using Low-Retention-Time STTRAM Cells". [ID: 71; Number: 1570637904] 3. Joseph Paturel; Olivier Sentieys; Angeliki Kritikakou; "Fast Cross-Layer Vulnerability Analysis of Complex Hardware Designs". [ID: 128; Number: 1570638209]	1.Bo Wu; Jing Tian; Xiao Hu; Zhongfeng Wang; "A Novel Modular Multiplier for Isogeny-Based I
4:00-4:30		BREAK
4.00-4.50		er Session I
4:30-6:00	2.Jitumani Sarma; Shatadal Chatterjee; Rakesh Biswas; Sounak Roy; "A Fast Transient Digitall 3.Andreas Kouloumpris; Theo Theocharides; Maria K Michael; "Cost-Effective Time-Redundar 4.Mahboube Fakhire; Ali Jahanian; "Vulnerability Analysis Against Fault Attack 5.Josie Esteban Rodriguez Condia; Marcio Goncalves; Matteo Sonza Reorda; Luca Sterpone; Jose Az 157 6.Tiankai Su; Atif Yasin; Sébastien Pillement; Maciej Ciesielski; "Formal Verification of Cons 7.Stavros Simoglou; Christos P Sotiriou; Dimitris Valiantzas; Nikolaos Sket 8.Nikolaos Sketopoulos; Christos P Sotiriou; Vasileios Pavlidis; "Metal Stack in Shikolaos Sket 9.Yuan-Dar Chung; Rung-Bin Lin; "Engineering a Standard Cell Library 10.Yongwen Zhuang; Dongmei Li; "Real Time Bayer Raw Video Proje 11.Khyati Kiyawat; Yutaka Masuda; Jun Shiomi; Tohru Ishihara; "Real-time Minimum Energy Poin 12.Sayed Ahmad Salehi; Durjoy Deb Dhruba; "Efficient Hardware Implementation of D 13.Jianchi Sun; Nikhilesh Sharma; Jacob Chakareski; Nicholas Mastronarde; Yingjie Lao; "Action Evaluation 151; Numb	oise Mitigation Using a Pass Transistor". [ID: 89; Number: 1570637989] Illy Assisted Flash-based Modular LDO for Sensor Nodes in WBAN". [ID: 158; Number: 1570639372] ncy Based Optimal Task Allocation for the Edge-Hub-Cloud Systems". [ID: 72; Number: 1570637905] ck in Terms of the Timing Behavior of Fault Injection". [ID: 74; Number: 1570637907] zambuja; "Analyzing the Sensitivity of GPU Pipeline Registers to Single Events Upsets". [ID: 164; Number: 07639429] strained Arithmetic Circuits Using Computer Algebraic Approach". [ID: 92; Number: 1570638028] topoulos; "STA for Mixed Cyclic, Acyclic Circuits". [ID: 57; Number: 1570637686] and Partitioning Exploration for Monolithic 3DICs". [ID: 59; Number: 1570637692] y for an Industrial Router with ASAP7 PDK". [ID: 157; Number: 1570638025] int Tracking Using a Predetermined Optimal Voltage Setting Strategy". [ID: 188; Number: 1570638312] Discrete Wavelet Transform Based on Stochastic Computing". [ID: 88; Number: 1570637962] on Hardware Accelerator for Next-Generation Real-Time Reinforcement Learning in Emerging IoT System ber: 1570639253] I Accuracy Configurable Approximate Adder Design". [ID: 113; Number: 1570638142]
	WEDNESDA	NY JULY 8th 2020
		ynote III
8:30- 9:30		
8.30- 3.30		
	744	v Barkai
	Senior SoC Engineer,	, Intel Corporation, Israel
9:30-11:00	Special Session: IoT based Consumer Technologies for Smart Cities 1.1570638144: Amit Joshi; Prateek Jain; Saraju P Mohanty, "Secure-IGLU: A Secure Device for Noninvasive Glucose Measurement and Automatic Insulin Delivery in IoMT Framework" 2.1570639533: Ahmad Alkhodair; Saraju P Mohanty; Elias Kougianos; Deepak Puthal, "McPoRA: A Multi-Chain Proof of Rapid Authentication for Post-Blockchain Based Security in Large Scale Complex Cyber-Physical Systems" 3.1570644295: Abraham Kuruvila; Shamik Kundu; Kanad Basu, "Analysing the Efficiency of Machine Learning Classifiers in Hardware-based Malware Detectors" 4.1570640822: Saswat Kumar Ram; Shubham Chourasia; Banee Das; Ayas Kanta Swain; Kamala Kanta Mahapatra; Saraju P Mohanty, "A Solar Based Module for Powering IoT Sensors for Sustainable Smart	. Intel Corporation, Israel BREAK Special Session on EU Projects 1.1570639739 Capacity Building Among European Stakeholders in the Areas of Cyber-Physice Systems, IoT & Embedded Systems: The SMART4ALL Digital Innovation Hub Perspective 2.1570648574 CPSoSaware: Cross-layer Cognitive Optimization Tools & Methods for the Lifecy Support of Dependable CPSoS 3.1570649561 Towards Artificial-Intelligence-Based Cybersecurity for Robustifying Automated Dr Systems Against Camera Sensor Attacks
9:30-11:00	Senior SoC Engineer, Special Session: IoT based Consumer Technologies for Smart Cities 1.1570638144: Amit Joshi; Prateek Jain; Saraju P Mohanty, "Secure-iGLU: A Secure Device for Noninvasive Glucose Measurement and Automatic Insulin Delivery in IoMT Framework" 2.1570639533: Ahmad Alkhodair; Saraju P Mohanty; Elias Kougianos; Deepak Puthal, "McPoRA: A Multi-Chain Proof of Rapid Authentication for Post-Blockchain Based Security in Large Scale Complex Cyber-Physical Systems" 3.1570644295: Abraham Kuruvila; Shamik Kundu; Kanad Basu, "Analysing the Efficiency of Machine Learning Classifiers in Hardware-based Malware Detectors" 4.1570640822: Saswat Kumar Ram; Shubham Chourasia; Banee Das; Ayas Kanta Swain; Kamala Kanta Mahapatra; Saraju P Mohanty, "A Solar Based Module for Powering IoT Sensors for Sustainable Smart Cities"	. Intel Corporation, Israel BREAK Special Session on EU Projects 1.1570639739 Capacity Building Among European Stakeholders in the Areas of Cyber-Physica Systems, IoT & Embedded Systems: The SMART4ALL Digital Innovation Hub Perspective 2.1570648574 CPSoSaware: Cross-layer Cognitive Optimization Tools & Methods for the Lifecy Support of Dependable CPSoS 3.1570649561 Towards Artificial-Intelligence-Based Cybersecurity for Robustifying Automated Dr Systems Against Camera Sensor Attacks
11:00-12:30	Special Session: IoT based Consumer Technologies for Smart Cities 1.1570638144: Amit Joshi; Prateek Jain; Saraju P Mohanty, "Secure-iGLU: A Secure Device for Noninvasive Glucose Measurement and Automatic Insulin Delivery in IoMT Framework" 2.1570639533: Ahmad Alkhodair; Saraju P Mohanty; Elias Kougianos; Deepak Puthal, "McPoRA: A Multi-Chain Proof of Rapid Authentication for Post-Blockchain Based Security in Large Scale Complex Cyber-Physical Systems" 3.1570644295: Abraham Kuruvila; Shamik Kundu; Kanad Basu, "Analysing the Efficiency of Machine Learning Classifiers in Hardware-based Malware Detectors" 4.1570640822: Saswat Kumar Ram; Shubham Chourasia; Banee Das; Ayas Kanta Swain; Kamala Kanta Mahapatra; Saraju P Mohanty, "A Solar Based Module for Powering IoT Sensors for Sustainable Smart Cities" EPT - II 1.Keshab K Parhi; Lulu Ge; "Molecular MUX-based Physical Unclonable Functions". [ID: 29; Number: 1570635168] 2.Ryosuke Matsuo; Jun Shiomi; Tohru Ishihara; Hidetoshi Onodera; Akihiko Shinya; Masaya Notomi; "A Synthesis Method for Power-Efficient Integrated Optical Logic Circuits Towards Light Speed Processing" [ID: 95; Number: 1570638059] 3.Manobendra Nath Mondal; Susmita Sur-Kolay; Bhargab Bhattachraya; "Current Comparator-Based Reconfigurable Adder and Multiplier on Hybrid Memristive Crossbar". [ID: 90; Number: 1570638022]	Annual Corporation, Israel BREAK Special Session on EU Projects 1.1570639739 Capacity Building Among European Stakeholders in the Areas of Cyber-Physica Systems, IoT & Embedded Systems: The SMARTAALL Digital Innovation Hub Perspective 2.1570648574 CPSoSaware: Cross-layer Cognitive Optimization Tools & Methods for the Lifecy Support of Dependable CPSoS 3.1570649561 Towards Artificial-Intelligence-Based Cybersecurity for Robustifying Automated Dr Systems Against Camera Sensor Attacks SDS - IV 1.Christoph Frisch; Michael Tempelmeier; Michael Pehl; "PAG-IoT: A PUF and AEAD Enabled Tru Hardware Gateway for IoT Devices". [ID: 62; Number: 1570637724] 26 2.Yanming Zhang; Xu Qiu; Qin Li; Fei Qiao; Qi Wei; Li Luo; Huazhong Yang; "Optimization and Eval of Energy-Efficient Mixed-Signal MFCC Feature Extraction Architecture". [ID: 68; Number: 1570637724] 3.Gianmarco Ottavi; Davide Rossi; Angelo Garofalo; Giuseppe Tagliavini; Francesco Conti; Luca B "A Mixed-Precision RISC-V Processor for Extreme-Edge DNN Inference". [ID: 100; Number 1570638078]
	Senior SoC Engineer, Special Session: IoT based Consumer Technologies for Smart Cities 1.1570638144: Amit Joshi; Prateek Jain; Saraju P Mohanty, "Secure-IGLU: A Secure Device for Noninvasive Glucose Measurement and Automatic Insulin Delivery in IoMT Framework" 2.1570639533: Ahmad Alkhodair; Saraju P Mohanty; Elias Kougianos; Deepak Puthal, "McPoRA: A Multi-Chain Proof of Rapid Authentication for Post-Blockchain Based Security in Large Scale Complex Cyber-Physical Systems" 3.1570644295: Abraham Kuruvila; Shamik Kundu; Kanad Basu, "Analysing the Efficiency of Machine Learning Classifiers in Hardware-based Malware Detectors" 4.1570640822: Saswat Kumar Ram; Shubham Chourasia; Banee Das; Ayas Kanta Swain; Kamala Kanta Mahapatra; Saraju P Mohanty, "A Solar Based Module for Powering IoT Sensors for Sustainable Smart Cities" EPT - II 1.Keshab K Parhi; Lulu Ge; "Molecular MUX-based Physical Unclonable Functions". [ID: 29; Number: 1570635168] 2.Ryosuke Matsuo; Jun Shiomi; Tohru Ishihara; Hidetoshi Onodera; Akihiko Shinya; Masaya Notomi; "A Synthesis Method for Power-Efficient Integrated Optical Logic Circuits Towards Light Speed Processing" [ID: 95; Number: 1570638059] 3.Manobendra Nath Mondal; Susmita Sur-Kolay; Bhargab Bhattachraya; "Current Comparator-Based Reconfigurable Adder and Multiplier on Hybrid Memristive Crossbar". [ID: 90; Number: 1570638022]	. Intel Corporation, Israel BREAK Special Session on EU Projects 1.1570639739 Capacity Building Among European Stakeholders in the Areas of Cyber-Physica Systems, IoT & Embedded Systems: The SMART4ALL Digital Innovation Hub Perspective 2.1570648574 CPSoSaware: Cross-layer Cognitive Optimization Tools & Methods for the Lifecy Support of Dependable CPSoS 3.1570649561 Towards Artificial-Intelligence-Based Cybersecurity for Robustifying Automated Dr Systems Against Camera Sensor Attacks SDS - IV 1.Christoph Frisch; Michael Tempelmeier; Michael Pehl; "PAG-IoT: A PUF and AEAD Enabled Tru Hardware Gateway for IoT Devices". [ID: 62; Number: 1570637724] 2.Yannming Zhang; Xu Qiu, Qin Li; Fei Qiao; Qi Wei; Li Luo; Huazhong Yang; "Optimization and Eval of Energy-Efficient Mixed-Signal MFCC Feature Extraction Architecture". [ID: 68; Number: 157063.3.Gianmarco Ottavi; Davide Rossi; Angelo Garofalo; Giuseppe Tagliavini; Francesco Conti; Luca B "A Mixed-Precision RISC-V Processor for Extreme-Edge DNN Inference". [ID: 100; Number
11:00-12:30	Special Session: IoT based Consumer Technologies for Smart Cities 1.1570638144: Amit Joshi; Prateek Jain; Saraju P Mohanty, "Secure-IGLU: A Secure Device for Noninvasive Glucose Measurement and Automatic Insulin Delivery in IoMT Framework" 2.1570639533: Ahmad Alkhodair; Saraju P Mohanty; Elias Kougianos; Depak Puthal, "McPoRA: A Multi-Chain Proof of Rapid Authentication for Post-Blockchain Based Security in Large Scale Complex Cyber-Physical Systems" 3.1570644295: Abraham Kuruvila; Shamik Kundu; Kanad Basu, "Analysing the Efficiency of Machine Learning Classifiers in Hardware-based Malware Detectors" 4.1570648295: Abraham Kuruvila; Shamik Kundu; Kanad Basu, "Analysing the Efficiency of Machine Learning Classifiers in Hardware-based Malware Detectors" 4.1570648295: Abraham Kuruvila; Shamik Kundu; Kanad Basu, "Analysing the Efficiency of Machine Learning Classifiers in Hardware-based Malware Detectors" 5.1570636822: Saswat Kumar Ram; Shubham Chourasia; Banee Das; Ayas Kanta Swain; Kamala Kanta Mahapatra; Saraju P Mohanty, "A Solar Based Module for Powering IoT Sensors for Sustainable Smart Cities" FPT - II 1.Keshab K Parhi; Lulu Ge; "Molecular MUX-based Physical Unclonable Functions". [ID: 29; Number: 15706356859] 2.Ryosuke Matsuc; Jun Shiomi; Tohru Ishihara; Hidetoshi Onodera; Akihiko Shinya; Masaya Notomi; "A Synthesis Method for Power-Efficient Integrated Optical Logic Circuits Towards Light Speed Processing" [ID: 95; Number: 1570638059] 3.Manobendra Nath Mondal; Susmita Sux-Kolay; Bhargab Bhattachraya; "Current Comparator-Based Reconfigurable Adder and Multiplier on Hybrid Memristive Crossbar". [ID: 90; Number: 1570638022] 15.Keshav Govindarajan; V S Kanchana Bhaaskaran; "Borrow Select Sul 16.McA Adnan Zaman, Rajeev Joshi; Srinivas Katkoori; High Level M 17.Bastian Richter; Amir Moradi; "Lightweight Ciphers on a 65 nm ASIC-18.Cezar Rodolfo Wedig Reinbrecht; Bruno Forlin; Abdullah Aljuffri; Said Hamdioui; Mottaqiallah Taouil 157 19.Tuhin Subhra Das; Navonil Chatterjee; Prasun Ghosal; "Regulating De	. Intel Corporation, Israel BREAK Special Session on EU Projects 1.1570639739 Capacity Building Among European Stakeholders in the Areas of Cyber-Physica Systems, IoT & Embedded Systems: The SMARTAALL Digital Innovation Hub Perspective 2.1570648574 CPSoSaware: Cross-layer Cognitive Optimization Tools & Methods for the Lifecy Support of Dependable CPSoS 3.1570649561 Towards Artificial-Intelligence-Based Cybersecurity for Robustifying Automated Dr Systems Against Camera Sensor Attacks SDS - IV 1.Christoph Frisch; Michael Tempelmeier; Michael Pehl; "PAG-IoT: A PUF and AEAD Enabled Tru Hardware Gateway for IoT Devices". [ID: 62; Number: 1570637724] 26 2.Yanming Zhang; Xu Qiu; Qin Li; Fei Qiao; Qi Wei; Li Luo; Huazhong Yang, "Optimization and Eval of Energy-Efficient Mixed-Signal MFCC Feature Extraction Architecture". [ID: 68; Number: 157063. Gianmarco Ottavi; Davide Rossi; Angelo Garofalo; Giuseppe Tagliavini; Francesco Conti; Luca B "A Mixed-Precision RISC-V Processor for Extreme-Edge DNN Inference". [ID: 100; Number 1570638078]

230-3:00

2:30-3:00

1. 1570634070 iGLU: Non-invasive Device for Continuous Glucose Measurement with IoMT Framework
2. 1570647416 Tot-Mon: A Real-Time Internet of Things Based Affective Framework for Monitoring Infants
3. 1570648350 Demonstration of A PUF Based CAN Security Framework

CLOSING - AWARDS

^{*} Denotes a Best Paper Award Candidate