This sheet is for the Lead Judge's use in compiling the individual judges' scores

Session/ Paper #	Presenter	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5	Rank	Numeric Score
1	Test and Testability							
1.1	Kapil Gotkhindikar							
1.2	Jayaram Natarajan							
1.3	Jifeng Chen							
1.4	Ming Gao							
1.5	Nathan Kupp							
1.6	Nik Sumikawa							
1.7	Mehdi Karimibiuki							
1.8	Kun Bian							
1.9	Siva Sudani							

Session/ Paper #	Presenter	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5	Rank	Numeric Score
2	Analog, Mixed-signal, and R	RF Circuit Desi	gn					
2.1	Mengmeng Du							
2.2	Sahar Ayazianmavi							
2.3	Karthik Natarajan							
2.4	Chen Zheng							
2.5	Yiran Li							
2.6	Vitali Loseu							
2.7	Ramy Ahmed							
2.8	Taehyoun Oh							
2.9	Mohammad Hanif							

This sheet is for the Lead Judge's use in compiling the individual judges' scores

Session/ Paper #	Presenter	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5	Rank	Numeric Score
3	Graphene							
3.1	Lingmei Kong							
3.2	Sneha Gaddam							
3.3	Yi Zhang							
3.4	K M Masum Habib							
3.5	Srikar Jandhyala							
3.6	Guanxiong Liu							
3.7	Rui Mao							
3.8	Albert Liao							
3.9	Muge Acik							

Session/ Paper #	Presenter	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5	Rank	Numeric Score
4a	Dielectric Material Robustn	<u> </u>		Judge 3	Judge 4	Judge 3	Italik	30016
4.1	Emil Hyunbae Zin							
4.2	Juline Shoeb							
4.3	Mrunalkumar Chaudhari							
4.4	Michael Nichols							
4.5	Juan Borja							
4b	Logic Devices							
4.6	Tobin Kaufman-Osborn							
4.7	Jaesoo Ahn							
4.8	Yu Yuan							
4.9	Timothy Vasen							

This sheet is for the Lead Judge's use in compiling the individual judges' scores

Session/ Paper #	Presenter	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5	Rank	Numeric Score
5	Design Flows and Tools						_	
5.1	Pingqiang Zhou							
5.2	John Lee							
5.3	Alberto Puggelli							
5.4	John Sartori							
5.5	Zohaib Mahmood							
5.6	Nahi Abdul Ghani							
5.7	Daniel Morris							
5.8	Qiaosha Zou							
5.9	Kalliopi Tsota							
5.10	Michele Petracca							

This sheet is for the Lead Judge's use in compiling the individual judges' scores Session/ Numeric Paper # Presenter Judge 1 Judge 2 Judge 3 Judge 4 Judge 5 Rank Score 6 **Digital Circuits** Sudheendra Srivathsa 6.1 6.2 Mudit Bhargava 6.3 Vikram Suresh Mehrdad Majzoobi 6.4 6.5 Bongjin Kim Simeon Realov 6.6

6.7

6.8

6.9

Mark McCartney

Sudhir Kudva

Masood Qazi

This sheet is for the Lead Judge's use in compiling the individual judges' scores Session/ Numeric Paper # Presenter Judge 1 Judge 2 Judge 3 Judge 4 Judge 5 Rank Score 7 Interconnect Scaling Banafsheh Barabadi 7.1 7.2 Jai Kameswaran Linjun Cao 7.3 Daniel Greenslit 7.4 7.5 Ashish Dembla 7.6 Ahmet Ceyhan 7.7 Vachan Kumar

7.8

7.9

Johnnie Chan

Shaloo Rakheja

Session/ Paper #	Presenter	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5	Rank	Numeric Score
8a	Topological Systems and Qu	,		Judge 3	Judge 4	Juuge 3	Naiik	Score
8.1	Khalid Ashraf							
8.2	Elroy Tatem							
8.3	Peter O'Brien							
8.4	Oleg Tretiakov							
8.5	Jiwon Chang							
8.6	Inti A Sodemann Villadiego							
8b	Advanced Patterning							
8.7	Nicholas Hendricks							
8.8	Masahiro Hori							
8.9	Robert Hovden							

8.10

Umang Nagpal

This sheet is for the Lead Judge's use in compiling the individual judges' scores Session/ Numeric Paper # Presenter Judge 1 Judge 2 Judge 3 Judge 4 Judge 5 Rank Score Multicore Design 9 9.1 Nicola Concer 9.2 Joseph Sloan 9.3 Karthik Ganesan 9.4 Paula Aguilera 9.5 William Song 9.6 Ayodunni Aribuki

9.7

9.8

9.9

Jung Seob Lee

Alexandros Papakonstantinou

Minki Cho

Session/ Paper #	Presenter	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5	Rank	Numeric Score
10a	Design and Test of 3D C	ircuits						
10.1	Brandon Noia							
10.2	Yibo Chen							
10.3	Jin Ouyang							
10.4	Noah Sturcken							
10.5	Adam Beece							
10b	3D Circuits							
10.6	Li Zheng							
10.7	Mitchelle Rasquinha							
10.8	Kwanyeob Chae							

Chang Liu

Session/	Procentor	ludgo 1	ludgo 2	ludgo 2	ludgo 4	ludgo E	Bonk	Numeric
Paper #	Presenter	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5	Rank	Score
11a	Green High Performance M	laterials			_		_	
11.1	Cara Sherwood							
11.2	Roy Dittler							
11.3	Shalini Minocha							
11.4	Jeffrey Rottman							
11.5	Udayana Ranatunga							
11b	ESH Impact and Assesmen	t						
11.6	Rajkumar Govindarajan							
11.7	Wenjie Sun							
11.8	Davoud Zamani							
11.9	Davoud Zamani							

Session/ Paper #	Presenter	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5	Rank	Numeric Score
12a	Modeling and Analog De	vices						
12.1	SungGeun Kim							
12.2	Seung Hyun Park							
12.3	Byron Ho							
12.4	Iqbal Saraf							
12.5	Iqbal Mahmud							
12b	Memory Devices						_	
12.6	Feng Xiong							
12.7	Zijian Li							
12.8	Urmimala Roy							

12.9

Abhishek Misra

Session/ Paper #	Presenter	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5	Rank	Numeric Score
13a	Design and Analysis Too	ls						
13.1	Paul Bogdan							
13.2	Zao Liu							
13.3	Hongbo Zhang							
13.4	Karthik Aadithya							
13.5	Guojie Luo							
13b	Verification							
13.6	Daniel Holcomb							
13.7	Dhanashree Kulkarni							
13.8	Mark O'Neill							

Wenchao Li

This sheet is for the Lead Judge's use in compiling the individual judges' scores Session/ Numeric Presenter Paper # Judge 1 Judge 2 Judge 3 Judge 4 Judge 5 Rank Score 14 Integrated System Design Suhas Chakravarty 14.1 14.2 Radu David 14.3 Anh Tran Amirali Ghofrani 14.4 14.5 Chunyue Liu Zhiyu Zeng 14.6 14.7 Jonathan Zhang

14.8

14.9

Rami Abdallah

Gong Zhang

This shee	This sheet is for the Lead Judge's use in compiling the individual judges' scores										
Session/ Paper # Presenter Judge 1 Judge 2 Judge 3 Judge 4 Judge 5 Rank Sco											
15a	Packaging Materials				•						
15.1	Martha Grady										
15.2	Marta Giachino										

This shee	et is for the Lead Judge's u	se in compili	ng the indivi	dual judges' s	scores			
Session/ Paper #	Presenter	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5	Rank	Numeric Score
15.3	Adrian Podpirka							
15.4	Yiwei Wang							
15.5	Huxiao Xie							
15b	3D Applications and TSVs							
15.6	Paresa Modarres							
15.7	Suk-Kyu Ryu							
15.8	Qiu Zhao							

Dae Hyun Kim

Session/ Paper #	Presenter	Judge 1	Judge 2	Judge 3	Judge 4	Judge 5	Rank	Numeric Score
16a	Graphene Devices							
16.1	Chris Corbet							
16.2	Kristof Tahy							
16.3	Kayoung Lee							
16.4	Michael Ramon							
16.5	Sarah Bryan							
16b	Magnetic Devices							
16.6	Shiliang Liu							
16.7	Mehdi Kabir							
16.8	Srikant Srinivasan							

Niladri Mojumder