

MWSCAS 2017 Symposium-at-a-Glance

Sunday 6 August 2017

07:00-15:00	Registration (Coolidge Room, Ballou Hall)							
	<i>Eaton Hall 202</i>	<i>Eaton Hall 203</i>	<i>Eaton Hall 206</i>	<i>Paige Hall – Crane Room</i>	<i>Paige Hall – Terrace Room</i>			
09:00-12:00	Switching Noise Mitigation for Integrated DC-DC Conv.	Hybrid Microfluidic CMOS Systems for Life Science App	Ultra-low Power/Energy SRAM for IoT	Supercapacitor Based Embedded Energy Harvesters	IC Power Management Circuits & Systems			
12:00-13:30	Lunch on your own							
13:30-16:30	Neuromorphic and Compressing Computing	Synthesis and BTI Reliable CMOS VLSI	Signal Integrity Challenges in Emerging DDR Tech.	Supercapacitor Based Embedded Energy Harvesters	IC Power Management Circuits & Systems			
18:30-20:00	Welcome Reception at Rooftop of Tisch Library (Rain Location: Granoff Music Center - Lobby)							

Monday 7 August 2017

07:00-15:00	Registration (Coolidge Room, Ballou Hall)							
08:30-09:00	Welcome to MWSCAS 2017 at Distler Hall, Granoff Music Center							
09:00-10:00	Distinguished Keynote Speaker – Linton Salmon, DARPA							
10:00-10:20	Coffee Break at Academic Quad - Tent							
	<i>Braker Hall 101</i>	<i>Eaton Hall 201</i>	<i>Eaton Hall 202</i>	<i>Eaton Hall 203</i>	<i>Eaton Hall 206</i>	<i>Paige Hall – Crane Rm</i>	<i>Paige Hall – Terrace Rm</i>	
10:20-12:00 Lecture Sessions	A1L-A Analog Circuits & Systems I	A1L-B System Architectures	A1L-C MEMS & NEMS	A1L-D Student Paper Contest I	A1L-E Special Session: Emerging Bio-Interface	A1L-F Digital Circuits & Systems I	A1L-G SoC & NoC	
12:00-13:00	Lunch at Dewick-MacPhie Dining Center							
13:00-17:00	Exhibition (Coolidge Room, Ballou Hall)							
13:00-14:20 Poster Sessions	A2P-H Signal and Image Processing	A2P-J Energy Processing Circ. & Sys.	A2P-K Biomedical Circuits III	A2P-L Digital Filters: Architect. & Applications	A2P-M FPGA Applications	All poster sessions will take place at the Academic Quad – Tent.		
14:20-14:40	Coffee Break at Academic Quad - Tent							
14:40-16:20 Lecture Sessions	A3L-A Analog Circuits & Systems II	A3L-B Special Session: Circuits for IoT	A3L-C Power Management I	A3L-D Student Paper Contest II	A3L-E Biomedical Circ. I	A3L-F Digital Circuits & Systems II	A3L-G Processor and Memory	
16:20-16:40	Coffee Break at Academic Quad - Tent							
16:40-18:20 Lecture Sessions	A4L-A Special Session: Neuromorphic Circ.	A4L-B Nonlinear Analog Systems	A4L-C Power Management II	A4L-D Signal Processing I	A4L-E Biomedical Circ. II	A4L-F Computer Aided Design	A4L-G Wireline Communication Circuits & Systems	
18:30-21:00	Dinner Around Town (Meet at Academic Quad – Tent)							
19:00-21:00	MWSCAS Steering Committee Dinner at Coolidge Room, Ballou Hall (By Invitation Only)							

Tuesday 8 August 2017

07:00-15:00	Registration (Coolidge Room, Ballou Hall)							
08:30-09:00	Opening Remarks at Distler Hall, Granoff Music Center							
09:00-10:00	Distinguished Keynote Speaker – Jesse Wheeler, Draper							
10:00-10:20	Coffee Break at Academic Quad - Tent							
	<i>Braker Hall 101</i>	<i>Eaton Hall 201</i>	<i>Eaton Hall 202</i>	<i>Eaton Hall 203</i>	<i>Eaton Hall 206</i>	<i>Paige Hall – Crane Rm</i>	<i>Paige Hall – Terrace Rm</i>	
10:20-12:00 Lecture Sessions	B1L-A Analog Circuits & Systems III	B1L-B Security Tool Chain	B1L-C Nyquist-Rate Data Converters	B1L-D Signal Processing II	B1L-E Biochips and Bioengineering	B1L-F Reconfigurable Circuits & FPGA Applications	B1L-G Communication Hardware & Coding	
12:00-13:00	Lunch at Dewick-MacPhie Dining Center							
13:00-14:20 Poster Sessions	B2P-H Converter Circuit Techniques I	B2P-J Emerging Circuit Technology and Sys.	B2P-K Analog/Mixed-Signal Circuits III	B2P-L Communications	B2P-M RF and Wireless Circuits and Systems	All poster sessions will take place at the Academic Quad – Tent.		
14:20-14:40	Coffee Break at Academic Quad - Tent							
14:40-16:20 Lecture Sessions	B3L-A Analog/Mixed-Signal Circuits I	B3L-B System Security Architecture	B3L-C Energy Harvesting Circuits & Systems	B3L-D Signal Processing III	B3L-E Sensor Circuits and Systems I	B3L-F Hardware-Software Co-design Techniques	B3L-G Emerging Techniques: RF to Optical	
16:20-16:40	Coffee Break at Academic Quad - Tent							
16:40-18:20 Lecture Sessions	B4L-A Analog/Mixed-Signal Circuits II	B4L-B Trust & Authenticity	B4L-C Photovoltaic Devices and Systems	B4L-D Signal & Image Proc.: Theory/Meth	B4L-E Nanoelectronics	B4L-F Oversampling Converters	B4L-G Data Converter Techniques	
17:00-19:00	The Draper Reception and Technology Exhibition (Coolidge Room, Ballou Hall)							
19:00-21:00	Awards Banquet at the Academic Quad - Tent							

Wednesday 9 August 2017

07:00-12:00	Registration (Coolidge Room, Ballou Hall)							
08:00-08:50	Distinguished Keynote Speaker – Donhee Ham, Harvard University (Cohen Auditorium)							
	<i>Braker Hall 101</i>	<i>Eaton Hall 201</i>	<i>Eaton Hall 202</i>	<i>Eaton Hall 203</i>	<i>Eaton Hall 206</i>	<i>Paige Hall – Crane Rm</i>	<i>Paige Hall – Terrace Rm</i>	
09:00-10:40 Lecture Sessions	C1L-A Sensor Circuits and Systems II	C1L-B Special Session: IoT: Sensors to Cybersec.	C1L-C Photonics and Nanoelectronics	C1L-D Control Systems	C1L-E Neuromorphic Systems	C1L-F RF and THz Systems	C1L-G Technologies for Smart Sensors	
10:40-12:00	Coffee Break at Academic Quad - Tent							
10:40-12:00 Poster Sessions	C2P-H Converter Circuit Techniques II	C2P-J High Performance VLSI Circuits	C2P-K Analog/Mixed-Signal Circuits IV	C2P-L Digital Circuits & Systems	C2L-E Hardware Security	C2L-F Sensor Technology	Poster sessions at the Academic Quad – Tent.	
12:00-14:00	Lunch at Dewick-MacPhie Dining Center							
12:00-13:40 Lecture Sessions	C3L-A Linear Analog Systems	C3L-B Active Security Measures	C3L-C Low Power and Multi-Band RF	C3L-D Image and Multi-Dim. Signal Proc.	C3L-E Energy Harvesting & Power Management	C3L-F Power Management III	C3L-G Sensor Fusion	
13:40-15:00 Poster Sessions	C4P-H Circuits & Systems	C4P-J Late Breaking News	All poster sessions will take place at the Academic Quad – Tent.					



TUFTS UNIVERSITY MEDFORD/SOMERVILLE CAMPUS

University Buildings

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| 1 Aidekman Arts Center H9 | 22 Curtis Hall H5 | 43 Latin Way Apartments G10 |
| 2 Alumnae Hall H9 | 23 Dewick-MacPhie Dining Hall F9 | 44 Lewis Hall E10 |
| 3 Anderson Hall H6 | 24 Dowling Hall F4 | 45 Lincoln Filene Center G5 |
| 4 Balch Arena Theater H9 | 25 East Hall F5 | 46 Miller Hall D5 |
| 5 Ballou Hall E6 | 26 Eaton Hall & Computer Lab G6 | 47 Miner Hall H6 |
| 6 Barnum Hall E6 | 27 Eliot-Pearson H1 | 48 Mugar Hall C7 |
| 7 Bendetson Hall E5 | 28 Fine Arts House (11 Talbot Avenue) H8 | 49 Olin Center for Language and Cultural Studies D6 |
| 8 Bookstore F8 | 29 Gantcher Center H2 | 50 Paige Hall H6 |
| 9 Boston School of Occupational Therapy (BSOT) B4 | 30 Goddard Chapel F6 | 51 Pearson Chemical Lab F9 |
| 10 Braker Hall G5 | 31 Granoff Family Hillel Center D5 | 52 Performance Hanger G9 |
| 11 Bromfield-Pearson J7 | 32 Granoff Music Center H9 | 53 Psychology Building J6 |
| 12 Bush Hall F10 | 33 Halligan Hall H4 | 54 Sophia Gordon Hall H7 |
| 13 Cabot Center (The Fletcher School) D6 | 34 Haskell Hall F10 | 55 South Hall G10 |
| 14 Campus Center F9 | 35 Health Services C8 | 56 Robinson Hall H7 |
| 15 Carmichael Hall C5 | 36 Hill Hall E4 | 57 Science & Technology Center M7 |
| 16 Chase Center, Carmichael Hall C6 | 37 Hillside Apartments E4 | 58 Tilton Hall E10 |
| 17 Cohen Auditorium H9 | 38 Hodgdon Hall E9 | 59 Tisch Library G7 |
| 18 Community Health (112 Packard Avenue) E9 | 39 Houston Hall C6 | 60 Urban & Environmental Planning (97 Talbot Avenue) E9 |
| 19 Conference Bureau Office (108 Packard Avenue) E9 | 40 International Center D9 | 61 West Hall E5 |
| 20 Summer Session Office (108 Packard Avenue) D9 | 41 Jackson Gym G9 | |
| 21 Cousens Gym H3 | 42 Lane Hall E4 | |

P Public Parking