

MECHANICAL ENGINEERING
RESEARCH LABORATORIES AND SHOPS
Fall 2014

LABORATORY NAME	BUILDING	ROOM	PHONE EXT.	DIRECTOR
Advanced Heat Exchangers Lab	Potomac Bldg	1109	5-5412	Ohadi/Shooshtari
Advanced Manufacturing Lab	JM Patterson	1110	5-0436	Gupta, S.K.
Ballard Power Systems Fuel Cell Lab	Engr Lab	0103G	5-7874	Yang
CALCE Electronic Systems Cost Modeling Lab	Engr Lab	M0101	5-5338	Sandborn
CALCE Environmental Conditioning & Acceleration Testing Lab	Engr Lab	1187	5-5325	McCluskey/Dasgupta
CALCE Failure Analysis & Materials Characterization Lab	Martin Hall	0120	5-0296	Sood/Osterman
CALCE Material Analysis Lab	Martin Hall	0122	5-5316	Sood/Pecht
CALCE Thermal Packaging of Electronic Systems Lab	Engr Lab	0109A	5-8223	Bar-Cohen
CALCE Microanalysis and Electrical Test Lab	Martin Hall	0128		Sood/Azarian
CALCE Laboratory for Optomechanics and Micro/nano Semiconductor/Photonics Systems	Engr Lab	B0110	5-5471	Han
CALCE Permanent Interconnects & Accelerated Testing Lab	Engr Lab	0104	5-5231/5-4571	Dasgupta
CALCE Software Development Lab	Engr Lab	1101	5-5341	Osterman
CEEE Energy Lab	Engr Lab	0139	5-6654	Radermacher
CEEE Heat Pump Lab	Potomac Bldg	1100	5-5003	Radermacher
CEEE Small and Smart Thermal Systems Lab	Potomac Bldg	1105/1110	5-5006	Ohadi/Dessiatoun
CEEE Software Development Lab	Engr Lab	3151	5-7314	Radermacher/Aute
Combustion Lab	JM Patterson	1123	5-5311	Gupta, A
Computational Dynamics Lab	Engr Lab	M0102	5-2377	Balachandran/Chabalko
Computational Sciences Lab	Martin Hall	1145		Chung
Computational Turbulence Lab	Engr Lab	1174	5-8695	Larsson
Cybersecurity Quantification Lab	Engr Lab	1176	5-1071	Cukier
Design Decision Support Lab	Engr Lab	0109	5-5285	Azarm
Design Assurance Techniques Lab	Engr Lab	M0113	5-4518	Schmidt
Dynamic Effects Lab	Engr Lab	B0110G	5-5339	Fourney
Dynamic Stability Lab	Engr Lab	0139F	5-5302	Duncan
Dynamics and Control Lab	Martin Hall	0107	5-7804	Balachandran/Chopra
Functionally Graded Materials Development Lab	Martin Hall	0126	5-8870	Bruck
Hybrid-System Integration and Simulation Lab	Kim Building	1210	5-3087	Vaughn-Cook/Mosleh
Hydrodynamics Lab	Engr Lab	B0110N	5-7418	Duncan
Informatics for Design, Engineering, and Learning (IDEAL) Lab	Engr Lab	M0104		Fuge
Laboratory for MicroTechnologies	Martin Hall	2120/3124	5-7630/5-9215	Smela
Machine Shop/PIRLS Lab	Engr Lab	0103	5-5326	Aroom
Maryland MEMS and Microfluidics Lab	Martin Hall	3126	5-1023	DeVoe
ME Computational Classroom	Martin Hall	3108	5-0244	
Micro Robotics Lab	Engr Annex	0101	5-6590	Bergbreiter
Micro/Nanoscale Heat Transfer and Energy Conversion Lab	Chemistry	4124	5-8275	Yang
Multi-phase Transport Lab	Engr Lab	M100	5-7570	Kiger
Multiscale Measurements Lab	Martin Hall	0124	5-0266	Bruck
Phase Change Heat Transfer Lab	Engr Lab	0103H	5-7098	Kim
Product Realization and Innovation Laboratory Suite (PIRLS)	Engr Lab	0101	5-8864	Schmidt
Robotics, Automation, and Medical Systems (RAMS) Laboratory	Engr Lab	1177	5-8892	Desai
SAE Projects Lab	JM Patterson	1229	5-5259	Hamilton
Sensors and Actuators Lab	Martin Hall	2132	5-0355	Yu
Simulation-Based System Design Laboratory	Engr Annex	0113	5-6572	Herrmann/Gupta, S.K.
Small Systems Lab	Kim Building	1245	5-3446	Baz
Smart Materials & Structures Research Center (SMSRC)	Martin Hall	2126	5-5307	Baz
Vibrations Lab	Martin Hall	0103	5-7763	Balachandran/Fitzgerald