

# ABBREVIATIONS

## Massachusetts Institute of Technology

ACC	Advanced Concepts Committee (MIT LL)
CAES	Center for Advanced Engineering Study
ChE	Department of Chemical Engineering
ChemE	Department of Chemical Engineering
CICS	Center for Integrated Circuits and Systems
CIPS	Center for Integrated Photonic Systems
CMI	Cambridge-MIT Institute
CMSE	Center for Materials Science and Engineering
CSR	Center for Space Research
DMA	Dupont-MIT Alliance
EECS	Department of Electrical Engineering and Computer Science
HST	Health Sciences and Technology, Harvard-MIT
ICL	Integrated Circuits Laboratory
ISN	Institute for Soldier Nanotechnologies
ITRC	MIT/MTL Intelligent Transportation Research Center
LEES	Laboratory for Electromagnetic and Electronic Systems
LFM	Leaders for Manufacturing
MIG	Microsystems Industrial Group
MIT	Massachusetts Institute of Technology
MPC	Materials Processing Center
MSE	Department of Materials Science and Engineering
MTL	Microsystems Technology Laboratories
NSL	NanoStructures Laboratory
RLE	Research Laboratory of Electronics
SMA	Singapore – MIT Alliance
SML	Space Microstructures Laboratory
SOE	School of Engineering
TRL	Technology Research Laboratory
UROP	Undergraduate Research Opportunities Program

## Private

AMD	Advanced Micro Devices
CSDL	Charles Stark Draper Laboratory
HP	Hewlett-Packard
IBM	International Business Machines Corporation
KIMM	Korea Institute of Machinery and Materials
MARCO	Microelectronics Advanced Research Corporation
C2S2	Center for Circuits and Systems Solutions
GSRC	Gigascale Systems Research Center
IFC	Interconnect Focus Center
MSD	Center for Materials, Structures and Devices
MGH	Massachusetts General Hospital
NTT	Nippon Telephone and Telegraph
SIA	Semiconductor Industry Association
SRC	Semiconductor Research Corporation
TI	Texas Instruments

## Government

AFOSR	U.S. Air Force Office of Scientific Research
ARDA	Advanced Research and Development Activity
ARO	U.S. Army Research Office
AXAF	Advanced X-ray Astrophysics Facility - (NASA)
CSE	Consortium on Superconducting Electronic
DARPA	Defense Advanced Research Projects Agency
DOD	Department of Defense
DOE	Department of Energy
DURINT	Defense University Initiative on Nanotechnology
JPL	Jet Propulsion Laboratories
JSEP	Joint Services Electronics Program
LANL	Los Alamos National Laboratory
MDA	Missile Defense Agency
MRSEC	Materials Research Science and Engineering Center
MURI	Multi University Research Initiative
NASA	National Aeronautics and Space Administration
NCI	National Cancer Institute
NCIPT	National Center for Integrated Photonics Technology
NDSEG	National Defense Science and Engineering Graduate
NHLBI	National Heart, Lung, and Blood Institute
NIH	National Institutes of Health
NIST	National Institute of Standards and Technology
NOAA	National Atmospheric and Oceanographic Administration
NREL	National Renewable Energy Laboratory
NRL	Naval Research Laboratory
NSA	National Security Administration
NSF	National Science Foundation
ONR	Office of Naval Research

## Other

CFI	CAD Framework Initiative
CIM	Computer Integrated Manufacturing
IEEE	Institute of Electrical and Electronics Engineers
IEDM	International Electronic Devices Meeting
HARC	Houston Advanced Research Center
MCNC	Microelectronics Center of North Carolina
MRS	Materials Research Society
NATO	North Atlantic Treaty Organization
NTCIP	National Transportation Communications for intelligent Transportation
STW	Dutch Technology Foundation
UCLA	University of California at Los Angeles
ULSI	Ultra Large Scale Integration
VLSI	Very Large Scale Integration