

Research Computing Guide for Faculty and Phd students

(Apr. 30,1999)

http://mitsloan.mit.edu/sts/www/research/Research_Guide.pdf

Support

Sloan Technology Services: <http://mitsloan.mit.edu/sts/>

Sloan Research Computing <http://mitsloan.mit.edu/sts/www/research.html>

Unix, Statistics, Research: (Faculty and Phd Students)

Ray Faith, E52-025A, x 3-6195, faith@mit.edu

John Maglio, E52-024, x3-1491 magnet@mit.edu

Faculty support:

PCs: Buck Shaw, E52-025B, x 3-3617, bshaw@mit.edu

Anita Horn, E52-007, x 3-6123, ahorn@mit.edu

Dee Kane, E52-007, x 2-1110

Macs: Logan, E52-009, x 3-6123, logan@mit.edu

Student support

PCs: Virginia Gifford-Reckley, E52-009, x 3-3618, vgifford@mit.edu

Peter Luongo, E52-020, x 3-4486, pluongo@mit.edu

Trading room:

Manager: Glenn Johnston, E52-005, x 3-5126, gwj@mit.edu

Data access: Ray Faith, E52-025A, x 3-6195, faith@mit.edu

MIT computer systems: go to the MIT Web page at <http://web.mit.edu> and select “Resources”, then “Computing” for a more complete set of options

Athena

Nearby Athena workstations

E51-090

Dewey Library (class use only)

Door code: 14785*

To obtain door code online, type “tellme combo”

User Accounts: you need to provide your MIT ID number.

Register yourself at any Athena workstation.

Web page: <http://web.mit.edu/accounts>

Email: accounts@mit.edu

Problems, special cases: visit Room N42-140, x 3-1325

Software support: Athena Help Desk

Web: <http://web.mit.edu/consult/www/home.html>

type “olc” at the athena% prompt

Room N42 first floor, x 3-4435

MIT Microcomputer Help:

Hardware Repair

IBM, HP, Dell, Mac repairs: MIT PC Support: Room W20-028, x 3-0815

Software Support (this is in addition to and complements the local Sloan support staff)

Room: N42

Web: <http://web.mit.edu/helpdesk/>

PC help desk: 3-1102

Mac help desk: 3-1101

Computers

Purchasing:

You can obtain recommendations on what equipment you should purchase from the faculty/staff support group in Sloan Technology Services. Contact Buck (PC), Logan (Mac) or Ray (Unix) to set up an appointment. They will bring other people into the process as needed.

The MIT Computer Connection (MCC/NECX) provides academic pricing for certain items of hardware and software, including microcomputers and workstations.

Location W20-021, x 3-7686, mcc@mit.edu

Online Information

Web page: <http://web.mit.edu/mcc/www/>

Web certificates: <http://web.mit.edu/is/help/cert/>

Networking:

The Sloan school provides each faculty member with the maintenance for one ethernet drop for their office and one IP address. To get a new drop installed, contact your area coordinator. To get an IP address contact Nate Charles (E52-171, x3-4120).

Labs

The labs in E52-010, E52-015, E52-021, E52-037, and E51-210 are available to all faculty and students of the Sloan School, and may be used for any non-remunerative School activity. In all we maintain 79 PC's in our combined labs. To use the lab you must obtain a lab account. Contact Virginia Gifford-Reckley.

Phd Research Lab: E52-25C

Five Pentiums (2 200 MHz 64 Mb RAM, and 3 300 MHz, 128Mb RAM)

Windows NT

X-Windows

Stata

Mathematica

Maple

Gauss

SPSS

Lisrel

ESS

Matlab

Eviews

Splus

Bridge

DataStream

Stat Transfer (data conversion)

Scientific Workplace

PC labs: E52-015, E52-021, E52-037, E51-210

70 Pentiums

MS Excel, Word, PowerPoint

Stata

SPSS

Systat

JMP

WinRobust

Eviews

SPlus

Matlab

TreeAge Data

Vensim

Crystal Ball

Lindo

Mentor

OPT

MPX

MarkStrat

QFD Designer

Bloomberg (1 PC)

Trading room see <http://web.mit.edu/sloan-trader/www/>

25 Pentiums

Same as PC lab

TIBCO MarketSheet

Reuters Personal Trading Workstation

Barra risk analysis and portfolio performance software

Lead Market Technologies' EXPO data visualization and analysis software

Financial Trading System trading simulation

Data Feeds

CRSP and Compustat on Web

TAQ trades and quotes database

Reuters

Bridge

Eight Sparc 20, One Sparc 5 Sun systems

CRSP/COMPUSTAT

Fortran

C++

Tex/Latex

Matlab

S-plus

TIBCO MarketSheet (accesses real-time data feed)

Data access

1. CRSP/Compustat via Fortran routines
2. CRSP/Compustat via Web forms
3. CRSP/Compustat via Access97

Sun Enterprise Ultra Server 2170 (256M RAM) with

Software

Solaris 2.6

SAS 6.12

DBMS Copy (data conversion)

Stata 6

Splus 5

Matlab 5.3

C++

Java

Data access

CRSP/Compustat via SAS

IBES

MIT

Athena system.

SAS

Web pages

S-plus

Matlab

Framemaker

Personal storage (20 Mb)

Other data sources (online and through Dewey)

Lexis/Nexis

First Search

ABI Inform

Dow Jones

Dialog

DataStream

Zacks

Forrester research reports