

This supplement is the first of four updates to be published during Independent Activities Period. It contains new activities and changes to activities previously listed in the IAP Guide. Copies of the IAP Guide are still available in 7-103. Last minute changes are posted on the IAP display boards in Lobby 7.

IAP information is available on the World-Wide-Web at <http://fishwrap-docs.www.media.mit.edu/mit/IAP/>

New General Activities

505

Introduction To UNIX Software Development

Erik Nygren, Michael Whitson

Tues, Thurs, Jan 17-19, 7-9 pm in 1-390.
Prereq: basic knowledge of C and UNIX.

Learn to better manage UNIX software projects. Topics include multiple-file C programs, Makefiles, revision control systems, and more. Useful for programming UROPs and classes. For more info, type "add sipb; iap" on Athena. Sponsor: Student Information Processing Board. Contact: Erik Nygren (nygren@mit.edu), W20-557, x3-7788 or Michael Whitson (mwhitson@mit.edu).

507

Computer Tools In Narrative Art: NYPD Blue Comics

Michael Massey

Tues, Thurs, Jan 10-26, 2-3 pm in E15-344.

This course introduces students to narrative techniques in sequential art. Some of the issues we will cover are the passage of time in narrative art, representing motion in still images, closure, and ideal usage of text to tell the right story. We will apply the Media Lab's SalientStills software as well as Adobe Photoshop and DTP programs to produce a sequential art narrative of the TV program "NYPD Blue". Sponsor: Media Lab. Contact: Micheal Massey (mmassey@-media.mit.edu), E15-355, x3-0312.

508

Ecology Of The Nile River: Big Dams, Big Canals, And Big Problems

Prof. Elfatih Eltahir, Dr. Bill Jobin, Prof. David Marks

Mon-Fri, Jan 23-27. First meeting, Mon, Jan 23, 10 am in 48-316.

The development of large, often international, river basins is a major and exciting challenge for civil engineers and planners. Experience in the Nile River Basin with several large dams and canals will be used to demonstrate the excitement of large-scale conceptual planning, the historical benefits realized by these projects, and several unforeseen problems. Sponsor: Civil and Environmental Engineering. Contact: Elfatih Eltahir (eltahir@mit.edu), 48-207, x3-6596.

509

Pass Me A Line: Splices, Anchor Ropes, and Tow Lines

Stanley Becker, Prof. Jerome Milgram, Norman Doelling, Brian Glennon

Thurs, Jan 26, 1-3 pm in E38-300.

Whether you're towing a nuclear sub in a storm or mooring a skiff in the harbor, you'd prefer your cables and lines didn't break. This seminar will offer practical information on the mechanics of lines, cables, and ropes for sailors of all vessels. Topics will include fatigue and wear of ropes, good mooring practices, and the use of lines and cables in offshore technology. A rope splicing demonstration will be included. Sponsor: Sea Grant College Program. Contact: Andrea Cohen (alcohen@mit.edu), E38-364, x3-3461.

511

How To Read A Dynkin Diagram

Prof. Daniel Freedman

Thurs, Jan 19, 2-4 pm in 2-105.

Everything about a compact Lie group can be deduced from its Dynkin diagram. I will explain how to do that for some simple invariants - for example, the dimension of the group and the size of the Weyl group. Sponsor: Mathematics. Contact: Prof. Daniel Freedman (dzf@math.mit.edu), 2-381, x3-4354.

512

Foreign Nationals: How To Start Your Own High Tech Company In The US

Milena Levak

Wed, Jan 25, 3-5 pm in 66-110.

Three Boston attorneys, experienced in technology start-up companies and intellectual property, will present a seminar on the basics of starting technology businesses and protecting proprietary inventions and research results. Sponsor: Undergraduate Education and Student Affairs. Contact: Sonia Papamakariou (sonia@mit.edu), 5-106, x3-3795.

516

The Monkey Wars

Deborah Blum

Wed, Jan 25, 4-6 pm in 9-150.

A Pulitzer Prize winning author discusses the difficulties of balancing the ethical and practical issues surrounding the use of animals in research. Copies of articles are available in 9-315. Sponsor: Knight Science Journalism Fellowships. Contact: Linda Lowe, x3-2336.

Mr. Boddy's Computer

Warning! Private data on this computer is protected by a sophisticated security system. Any unauthorized attempt to access or to modify the data stored on this computer will result in the destruction of the file directory on the hard disk.

Here is a list of the public files on this computer:

- [Appointments](#)
 - [Outgoing mail](#)
 - [Newsgroups](#)
 - [Stock Quotes](#)
 - [Tonight's Guide to TV](#)
-

Please enter your password, and remember you have been warned!

Mr. Boddy / 1313 Mockingbird Lane / boddy@ihtfp.mit.edu

Enter the symbol of the stock you are interested in:

Symbol

Currently the Dow Jones Industrial Average is at 3869.40, down 12.80 points from the previous close. For a more detailed look at market activity see our Market Watch page.

Quotes are being provided by North American Quotations, Inc., London, Ontario Canada.

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[Questionnaire](#) [What's New](#) [Ticker Search](#)

Send questions or suggestions to g.www@secapl.com or take a look at the [FAQ](#).

Mr. Boddy's Appointments

Appointments for the day of January 20, 1994

10.00: The cable guy is coming

11.00: Shareholders meeting

12.00:

13.00: Lunch with Tom Gillman

14.00:

15.00: Donut Hour!

→ 16.00: Time for the Animaniacs 4:30

17.00:

Reminders for January 20, 1994

- Get tickets for Billy Bo Bob Brain concert
- Mail resubscription payment to The Business Report
- Post correction to Murder Mysteries

Mr. Boddy / 1313 Mockingbird Lane / boddy@ihtfp.mit.edu

USENET News

Currently subscribed newsgroups

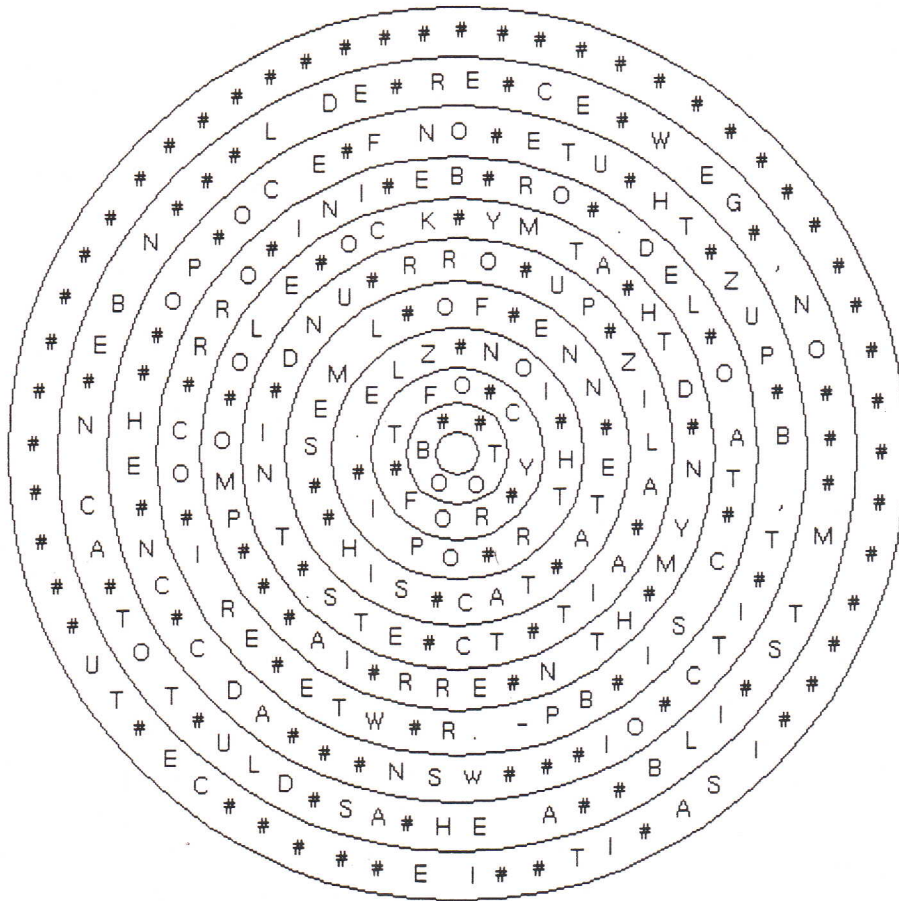
alt.tv.ren-n-stimpy
comp.graphics.animation
→ alt.tv.animaniacs
rec.arts.comics.strips
rec.puzzles
rec.games.video.sega
alt.rock-n-roll.classic
alt.sports.baseball.ny-mets
misc.entrepreneurs
alt.fan.chris-elliott
alt.politics.libertarian
comp.sys.mac.system

Mr. Boddy / 1313 Mockingbird Lane / boddy@ihtfp.mit.edu

Unauthorized Access Denied

You have attempted to access data on this computer without the proper authorization.
The directory file has been destroyed. ☺ Have a nice day!

Mr. Boddy's original data remains on this disk. If you have the patience to reconstruct
the directory, you may be able to recover some of the information, but it is bound to
be counter-intuitive.



Mr. Boddy / 1313 Mockingbird Lane / boddy@ihtfp.mit.edu

"Phillip's in here!" screamed Mrs. Peacock. "And he is dead! He was right!"

It took mere seconds for the entire assemblage of the house to congregate around the Ballroom door. Inspector Gray was the first one to enter the room. He turned Boddy over, grimaced at the gore, and made a procedural check of the carotid artery. There was no question, though. Phillip Boddy was dead.

"He's gonna do something creepy and spooky," warned Green.

"What could he possibly do in this state?" demanded Scarlet.

"I wouldn't put it past him. I'd swear this place is haunted," Mustard said. I practically saw the ghosts myself."

"Now you shush up, Mustard. I'll protect you from the ghosts," Peacock said as she snuggled close to him.

"This sucks," Plum said succinctly.

"Isle make a pot of tee," White chirped.

Gray reached into the right coat pocket of Boddy and pulled out the following:

Find the path from top to bottom. The path may only go straight or make 90 degree turns.

460135343528655163764420415
210844733830594735168271613
859486363686529473609537927
178332215831456511661852102
573140143233286226524840918
600874060464227451795271516
012826614907862218530253258
709695196356942012150963993
423341661085723140722082515
132171441914557175493921633
602745297527828344166347121
595970986421636357574111752
723316088428313812863964416
089658860153235044353087564
851072338471486398990222867
175434607296146274571162445
952547144539301731232264329
829835722445711026306825906

The Inspector then reached into Boddy's left coat pocket and emerged with this:

Spell all names fully.

WHO? 1 2 3 4 5 6 7 8 9 10 11 12 13 14

WHAT? 15 16 17 18 19 20 21 22 23 24 25 26

WHERE? 27 28 29 30 31 32 33 34 35 36 37 38 39 40

27: Hall

"Hurry up in there!" Green shouted, banging on the door.

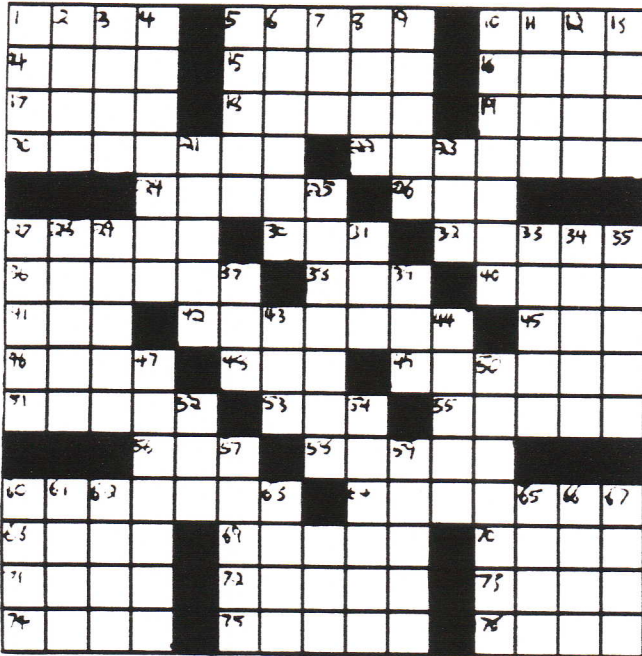
"I'm going as fast as I can," Mustard replied from within. "Look, you have to let a guy take his time with these kinds of things."

"But you've been in there forever. What could you possibly be doing?"

Butler leaned his head out of Boddy's authentic British phone booth. "Why do you want to get in so badly?"

"I want to call my mom, OK? OK, tough guy? You want to make something of it? Now get out!"

"I can't. I'm almost done with the puzzle I found in here."



Across:

- 1) 2567
- 5) 32825
- 10) 6678
- 14) 7638
- 15) 27662
- 16) 2742
- 17) 3837
- 18) 24833
- 19) 7264
- 20) 3383287
- 22) 6378537
- 24) 32735
- 26) 633
- 27) 77287
- 30) 647
- 32) 27367
- 36) 274737
- 38) 623
- 41) 743
- 42) 7464527
- 45) 636

46) 2237

- 48) 828
- 49) 337378
- 51) 73787
- 53) 737
- 55) 22787
- 56) 728
- 58) 33288
- 60) 7874737
- 64) 7372433
- 68) 5623
- 69) 66337
- 70) 4433
- 71) 8743
- 72) 77468
- 73) 3836
- 74) 6377
- 75) 83687
- 76) 5367

Down:

- 1) 2733
- 2) 5683
- 3) 6338
- 4) 7873387
- 5) 32287
- 6) 274736
- 7) 868
- 8) 2636
- 9) 52336
- 10) 6278377
- 11) 6725
- 12) 7463
- 13) 8247
- 21) 22737
- 23) 732
- 25) 5464833
- 27) 72727
- 28) 77423
- 29) 24337
- 31) 725
- 33) 32637
- 34) 68378
- 35) 73687
- 37) 748
- 39) 323
- 43) 627
- 44) 73287
- 47) 7874337
- 50) 7282435
- 52) 727
- 54) 737368
- 57) 83678
- 59) 23787
- 60) 7586
- 61) 8673
- 62) 7247
- 63) 7673
- 65) 4483
- 66) 3336
- 67) 3367

For each letter below, count its frequency in the grid:
 R-I C+U-G D+W-P M-V

22: Lounge

"Incredible," murmured Gray. "This man's mind worked in an absolutely incredible way." Gray turned to Scarlet. "Look at this thing on the desk. Do you believe that? What the heck could it mean?"

"You think that's gibberish," Scarlet answered, "look at this." She showed him a garbled piece of paper that had fallen from the desk to the floor.

"Well, sure, separately they're gibberish, but together..." Gray played a hunch and started searching on the desk top for something. "Aha! My master sleuthing skills strike again."

Here is what the two of them found.

- B 1. Thymus independent lymphocyte
- Z 2. Academy Award winning movie by Gavras
- 9 3. Center for Advanced Engineering Study
- 4. Essays by Infante *2 on 2 (4 and piano) ←*
- 5. Extra letter in a misspelled word in the Declaration of Independence
- O 6. Dash dash dash in Morse code
- C 7. Language developed by Bell Labs in 1974
- u 8. Secretary General of the United Nations
- 9. Japanese operation to defend the Marianas Islands during WWII
- 10. Type of jet known as a turboprop
- Ø 11. Simpleton in Beetle Bailey
- 12. Largest national park in Benin
- G 13. Blossom's best friend
- D 14. June 6th, 1944
- 15. Project which built the first atomic bomb
- B 16. Common field of Matthews, Bradt, Lewin, Mazin, and Guth
- 17. Group to which philosophy of science, justice, and the end of nature belong *Quadrivium*
- 18. First-aid kit used in Terminator
- 19. Atoll in French Polynesia located at 15.8 degrees S, 154.5 degrees W
- M 20. James Bond's boss
- 21. Command to show Ping Stats Window in Netrek
- 22. SIPB's Webster's free radical
- 23. Group which included Thomson, MacDonald, Harris, Lismer, Varley, Carmichael, Johnston, and Young
- 24. Radar band in the range of 12-40 GHz
- Q 25. Rickettsial pneumonia *Q fever*
- B 26. Designation of the oculomotor nerve *3rd cranial*
- S 27. Presidential middle name
- G 28. Library of Congress classification division which contains Anthropology *G ✓*
- 29. DOS directory appearing in subdirectories
- P 30. Factor which gives bacteria a resistance to antibiotics
- E 31. Abbreviation for glutamic acid
- X 32. El-Hajj Malik El-Shabazz
- I 33. The Book of Changes in the five Classics of Confucianism *(I CHING) ✓*
- 34. Shape of Leggatt's room in The Secret Sharer *L-shaped room?*
- F 35. Most electronegative element *Fluorine*
- ✓ 36. Faulkner Foundation Award winning work by Pynchon
- 37. Council at the Paris Peace Conference that made most of the decisions
- 38. 1-amino-8-hydroxynaphthalene-3,6 disulfonic acid

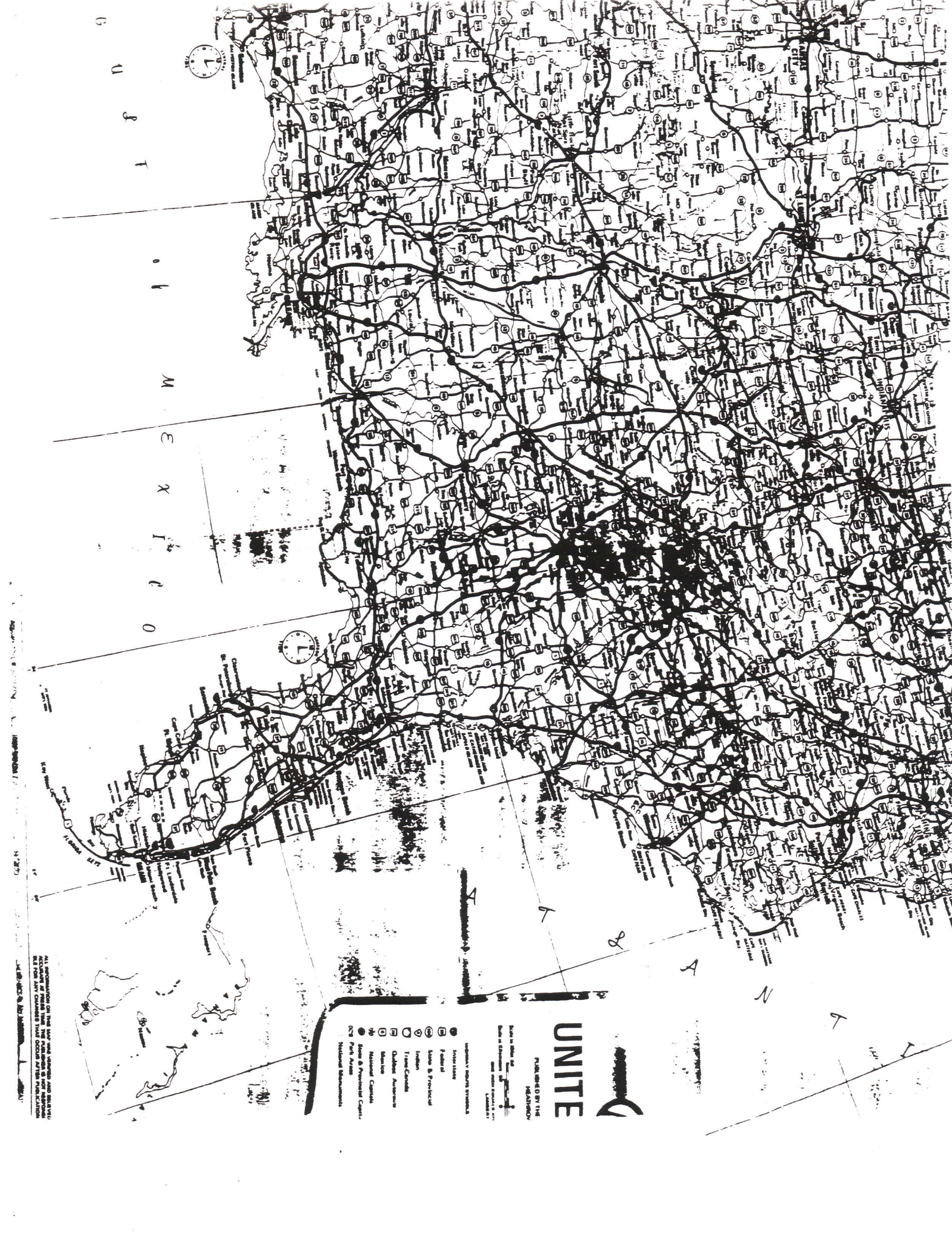
32	36	11	1	18	25	37	28	19	8
14	30	12	16	20	34	29	2	23	6
13	26	21	9	17	27	15	3	4	
24	33	5	7	38	31	22	35	10	

3rd

CB XHHO 4YXTNY J6OX1 LCXV VLM OMQW0 TDM0 T4NWX ADJX NYQHA0MX 60 NYJ TXHV
 BX N2L OHHLV OCXL MU JL0 FCCNT. CCL, X8 0WNN 1F VCYJ EBF CXCVL0YQ4 NU N1VF
 2F CNML, 0WCB NWD, LW 60 XCNO MN1. NVCN QYJDX C50T. HLO CFCJ LOUEB FCJ L0F
 WNYL LZX M8CL, XMQX HCB NSWQEL WQL, CB NGRCBY XMNDGMQ VLY 0TM DLM.
 F8N9ORL, LOW TXCV LOW HN40Y YNCXM, LWHV BLLY JNFW9K K7FM QKPUX, NNY4F QM
 N8 YNVCX M8 VBFWFVC NWHDLXEL 0YQ 50HCY XZNCL. LXMC LOC CBF C3N60F
 YHINWI!



U S F O M E X



UNITED STATES

UNITED STATES

PUBLISHED BY THE
HEATHROW

Scale in Miles: 1 inch = 100 miles

Scale in Kilometers: 1 centimeter = 10 kilometers

Legend:

- Interstates
- ⊖ Federal
- ⊕ State & Provincial
- Indian
- ⊙ Trans-Canada
- Quebec-Atlantic
- ⊖ Seaside
- ⊖ National Capital
- ⊖ State & Provincial Capital
- ⊖ Port Areas
- ⊖ National Memorials

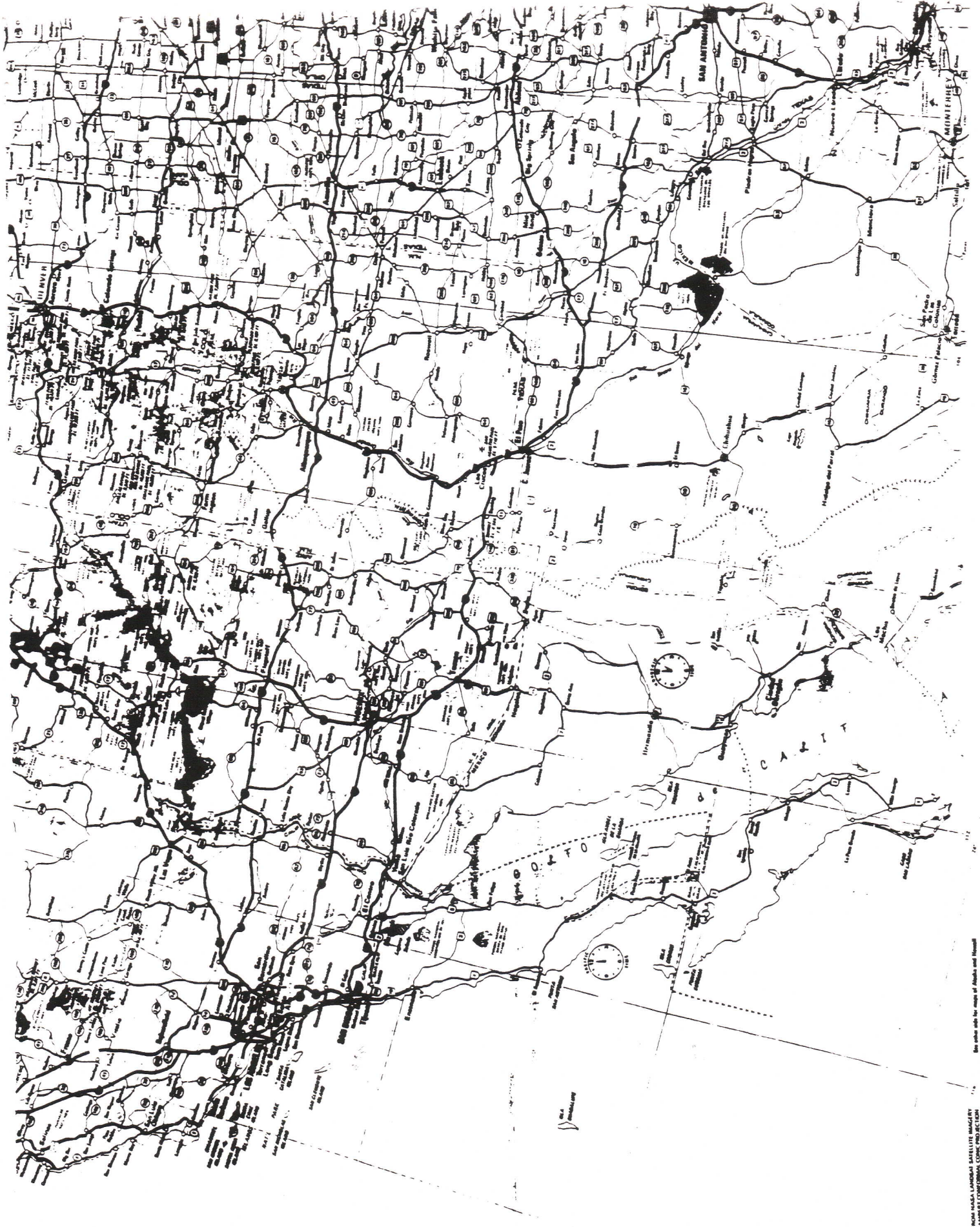
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C I F I C E A N





P A R T I C I P A T I O N



AAA TOPOGRAPHY ADAPTED FROM U.S. & FOREIGN BUREAU OF TOPOGRAPHY
THE JOURNAL OF THE CIVIL ENGINEERING PROFESSIONAL SOCIETY

Changes

Working After Graduation: Immigration Concerns (32) is now in 26-100

Introduction To Bonsai (85) has added a second section on Wed, Jan 25, 6-9:30 pm in 4-231. Preregistration is required.

MITEE Mouse: Racing Robot (123) is in 1-390.

Margins Of Dystopia: Images Of The Excluded In Chinese Cinema (150) full schedule:

Woman Demon Human (PRC, 1987)
Wed, Jan 18, 7:30-10 pm in 1-390

Terrorizer (Taiwan, 1986)
Wed, Jan 25, 7:30-10 pm in 1-390

Farewell My Concubine (PRC, 1993)
Wed, Feb 1, 7:30-10 pm in 1-390

Internet Access to Chinese, Japanese, and Korean Resources (71) is now on Fri, Jan. 27, 10 am-12 noon in 3-133.

17th Annual Mystery Hunt (180) requires preregistration by Jan 19. The correct e-mail address is mlgottli@mit.edu.

Backgammon: Getting Serious About Winning (181) is now on Tues-Thurs, Jan 24-26, 7-9 pm in 2-131

The Warped Mind (272) is in E25-111.

Cold Fusion (341) is in 10-105.

Hot Springs On the Seafloor As Seen By ALVIN (351) is now on Thurs, Jan 26, 2-3 pm in 54-915.

Plasma Fusion Center Open House (359)
Understanding The Science Of Tokamak Fusion: MIT's Alcator C-MOD is now on Wed, Jan 18, 10 am in NW17-218.

Deuterium-Tritium Experiments In TFTR is now on Wed, Jan 18, 11 am in NW17-218.

Techniques of Mathematical Proof (367) is in 66-168.

Waveguides and Fiber Optic Sensors (374) is now a credit course (6.914) offering 3 units of P/D/F credit.

Ballroom Dancing (425) is now on Tues and Thurs from 7:30-9 pm. General dancing follows from 9-10 pm.

Behind The Scenes At The Fogg (445) is now on Thurs, Jan 19, 3 pm at the Fogg Museum Main Entrance.

Defensive Driving (492) has cancelled its sessions on Thurs, Jan 12 and Wed, Jan 18.

Neural Networks, Simulated Annealing, And Phase Transition Models (8.237) is now on Mon, Tues, Wed, Fri, Jan 9-20 and Jan 30-Feb 3, 10-11:30 am in 12-132. Recitations: Thurs, Jan 12-Feb 2, 10-11:30 am in 12-132.

Cognitive Science: The Sequel (9.95) new remaining schedule

The First Second Of Perception: Some Paradoxes

Prof. Molly Potter
Tues, Jan 17, 2-3:30 pm in E10-013

The Evolution Of Cognition
Prof. Steve Pinker
Wed, Jan 18, 2-3:30 pm in E10-013

Innate Knowledge
Prof. Susan Carey
WThurs, Jan 19, 2-3:30 pm in E10-013

What's A Percept, Really?
Prof. Whitman Richards
Fri, Jan 20, 2-3:30 pm in E10-013

Lightness Perceptions, Lightness Illusions
Prof. Ted Adelson
Mon, Jan 23, 2-3:30 pm in E10-013

An Introduction To Neural Networks
Prof. Mike Jordan
Tues, Jan 24, 2-3:30 pm in E10-013

Quiz
Wed, Jan 25, 2-3:30 pm in E10-013

Development, Plasticity And Learning In The Brain, The New Synthesis (9.96) new schedule

Learning And Activity: Dependent Development In The Mammalian Brain

Prof. Mriganka Sur
Tues, Jan 24, 1-2:30 pm in E25-117

New Studies Of Optic Tract Development And Plasticity

Prof. Gerald Schneider
Wed, Jan 25, Jan 26, 1-2:30 pm in E25-117

Molecular Mechanisms Of Axon Growth And Guidance

Prof. Arthur Lander
Thurs, Jan 26, 1-2:30 pm in E25-117

Genetics Of Learning In Drosophila
Prof. William Quinn
Mon, Jan 30, 1-2:30 pm in E25-117

Genetic Analysis Of Neural Plasticity In C. Elegans

Dr. Michael Koelle
Tues, Jan 31, 1-2:30 pm in E25-117

Genetic Approaches To Neural Development In Drosophila

Prof. Hermann Steller
Wed, Feb 1, 1-2:30 pm in E25-117

The Hippocampus And Spatial Memory

Prof. Matthew Wilson
Thurs, Feb 2, 1-2:30 pm in E25-117

Gene Knockout Approaches To Studying Learning And Development In The Mammalian Brain

Prof. Susumu Tonegawa
Fri, Feb 3, 1-2:30 pm in E25-117

The contact for the activity is Prof. Mriganka Sur, E25-618A, x3-8184.

Learning, Networks, And Approximation Theory (9.98) is in E25-401.

Ecology And Politics Of Wetlands (17.914) should be 17.916 (P/D/F grading).

Mathematics Lecture Series (18.095) new remaining schedule:

Order In Random Tilings
James Propp
Wed, Jan 18, 1-2:30 pm in 2-190

The Violent Collapse Of Elliptical Vortices
Willem Malkus
Fri, Jan 20, 1-2:30 pm in 2-190

Knot Invariants
Haynes Miller
Mon, Jan 23, 1-2:30 pm in 2-190

Modular Forms And The Symmetries Of Nature
Kefeng Liu
Wed, Jan 25, 1-2:30 pm in 2-190

On Numbers And Games
James Pommersheim
Fri, Jan 27, 1-2:30 pm in 2-190

Independence Results In Set Theory
Gerald Sacks
Mon, Jan 30, 1-2:30 pm in 2-190

Message Routing In Parallel Machines
Tom Leighton
Wed, Feb 1, 1-2:30 pm in 2-190

For those who are taking 18.095 for credit, there will be regular assignments of homework (one or two questions per lecture). Recitation sections: Thurs, Jan 12-Feb 2, 1-3 pm in 2-136.

Figure Skating (Physical Education) is now on Mon, Wed, Jan 11-Feb 1, 1-3 pm in Johnson Center.

Hockey (Physical Education) is now on Tues, Thurs, Jan 10-26, 1-3 pm in Johnson Center.

Tennis: Advanced Doubles (Physical Education) is now on Tues, Thurs, Jan 17-Feb 2, 1-3 pm in Johnson Center.

Cancellations

Awareness And Desensitization For Temporarily Aabled People (59)

Watchmakers: Reality And Meta-Reality (88)

Mexico: Transformation, Stabilization, And Prosperity (392)

How the Beer Industry Can Improve Nuclear Plant Management (500)

Management Topics In Engineering (16.952)

Self-Defense (Physical Education)