MIT Drupal Cloud

Massachusetts Institute of Technology

Drupal Cloud

No-cost, easy-to-use, customizable website creation from IS&T

MIT Drupal Cloud

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Drupal Cloud

Supporting the diverse MIT community with a robust platform for creative communication

No-cost, easy-to-use, customizable website creation from IS&T

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Research

Our strength is in integration, *which unifies diverse departments at MIT as well as the Harvard Medical School, and builds strategic partnerships with Boston area hospitals and biotech companies.*

our vision

NEWS & EVENTS

Medical Engineering to Tackle Child Mortality, HIV/AIDS
Mon, 10/07/2013

IMES inaugural urges scientists to 'be bold, think big, and save the world'
Fri, 09/27/2013

Sangeeta Bhatia named one of the 10 most influential women in biotech
Mon, 09/16/2013

Brain scans may help diagnose dyslexia
Wed, 08/14/2013

More News »

HST

HST has been a pioneer, developing interdisciplinary educational and research programs designed to educate outstanding minds, cultivate leaders, create knowledge, and generate cost-effective innovations.

FOR MORE INFORMATION PLEASE VISIT THE HST WEBSITE: **http://hst.mit.edu/**

The Swager Group

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Welcome to the Swager group.

Group Dinner 2013

Recent News

September Roster Moves
Mon, 09/16/2013

Our latest paper about the Synthesis and Properties of the 5,10,15-Trimesityltruxen-5-yl Radical is available online in Org. Lett.
Wed, 08/28/2013

Swager group annual BBQ
Sun, 08/25/2013

Our article on "Rapid prototyping of carbon-based chemiresistive gas sensors on paper" appeared online in PNAS
Thu, 08/15/2013

Swagasaurous Rex are the new Chemistry Department Volleyball League Champions!
Tue, 08/13/2013

more

Upcoming chemistry events

Wednesday, October 09, 2013

- Faculty Research Talk - Prof. Dinca
  Lecturer: Prof. Mircea Dinca

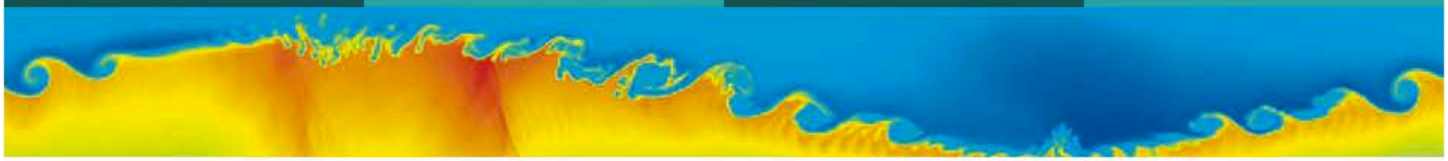
Thursday, October 10, 2013

- Organic Chemistry Lecture: John Soderquist,...
  Lecturer: Professor John Soderquist, University of Puerto Rico
- Faculty Research Talk - Prof. Griffin
  Lecturer: Prof. Robert Griffin

Tuesday, October 15, 2013

- Faculty Research Talk - Prof. Lippard

- See more events



welcome to CCE

The Center for Computational Engineering supports computational engineering research and education at MIT.

Our emphasis is on the development of new computational methods relevant to engineering disciplines and on the innovative application of computational methods to important problems in engineering and science.

news/spotlights

SIAM & CCE Student Seminar Series

Thursday 10/10 | 4:00 PM | 56-114

Big data in transportation

Serdar Colak, CEE, MIT

Abstract »

Seminar in Computational Science & Engineering

Thursday October 17, 2013 | 4:00 PM | 56-114

Software in Computational Science

Wolfgang Bangerth, Ph.D.

Department of Mathematics

Texas A&M University

Abstract »

SIAM & CCE Student Seminar Series

Thursday 10/24 | 4:00 PM | 56-114

recent advances

- September 1, 2013

  New PhD Program in Computational Science & Engineering (CSE)

  The Center for Computational Engineering now offers a new Doctoral Program in Computational Science and Engineering (CSE). Students enrolled in this program will be able to specialize at the doctoral level in a computation-related field of their choice through focused coursework and a Doctoral Thesis through a number of participating departments, including Civil and Environmental Engineering, Mechanical Engineering, Chemical Engineering and Aeronautics and Astronautics. The application submission window is September 16 to December 15. Please visit the CSE webpage for more information about the program and admission process.

- June 17, 2012

  Sharper ultrasound images could improve diagnostics

  New system developed at MIT allows precise measurements and tracking of disease progression.

April 17, 2012

Getting to the root of genetics

Manolis Kellis uses computational techniques to decipher human disease.

March 20, 2012

Greenhouse gas can find a home underground

New MIT analysis shows there's enough room to safely store at least a century's worth of U.S. fossil fuel emissions

COOLJAPAN
RESEARCH PROJECT

Search

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MIT Cool Japan

Since January 2006, Professor Ian Condry has organized the ***Cool Japan: Media, Culture, Technology Research Project*** at MIT and Harvard. The project presents colloquia, international conferences, and arts events to examine the cultural connections, dangerous distortions, and critical potential of popular culture. The goal is to encourage scholarly debate, research, and networking in the Boston area for faculty and students interested in media and globalization related to Japan. The project is sponsored by the MIT Japan Program, the Reischauer Institute of Japanese Studies at Harvard University, MIT Foreign Languages & Literatures, and MIT Comparative Media Studies.

Check back soon for upcoming events...

Recent News

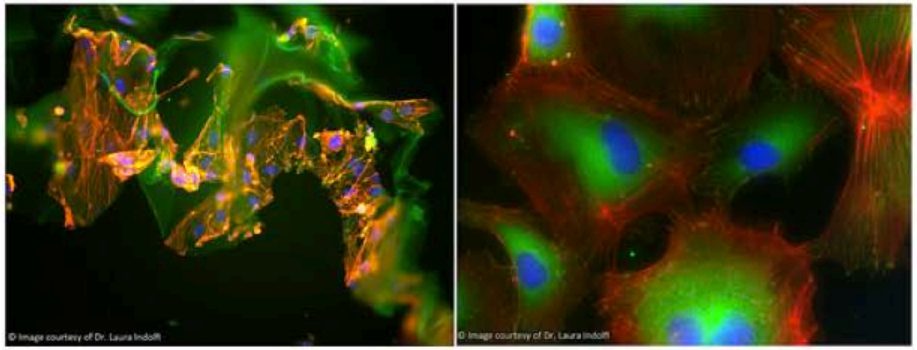
There are no news items at this time, please check back later.

Recent Blogs

There are no blog items, check back later.

COOLJAPAN
RESEARCH PROJECT

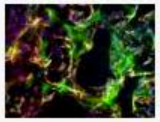
Edelman Laboratory



The Edelman Laboratory uses elements of continuum mechanics, digital signal processing, molecular biology and polymeric controlled release technology to examine the cellular and molecular mechanisms that transform stable coronary-artery disease to unstable coronary syndromes. Tissue-generated cells, for example, deliver growth factors and growth inhibitors for the study and potential treatment of accelerated arterial disease following angioplasty and bypass surgery. The laboratory holds patents for drug-delivery devices, tissue-engineered implants, and new drug formulations.

Recent News

Tue, 05/21/2013
Evaluating a new way to open clogged arteries



Wed, 08/15/2012
Success of engineered tissue depends on where it's grown

Job Opportunities

Post-Doctoral Position Available
Post date: June 28, 2013

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Coherent Spectroscopy and Coherent Control of Complex Materials

New Knowledge and Application Through Novel Optics and Novel Spectroscopy

News

Thesis defense schedule of Dylan, Johanna and Patrick
May 7, 2013

Department visiting weekend
March 23, 2013

Group meeting
March 8, 2013

Welcome new group members
November 14, 2012

Website is being updated
September 18, 2012

Research highlights

Excitonics

Laser-induced shock

Nonlinear Terahertz Spectroscopy

Phonon spectroscopy

Single-shot spectroscopy

Terahertz polaritonics

Nanomechanics Laboratory

Search

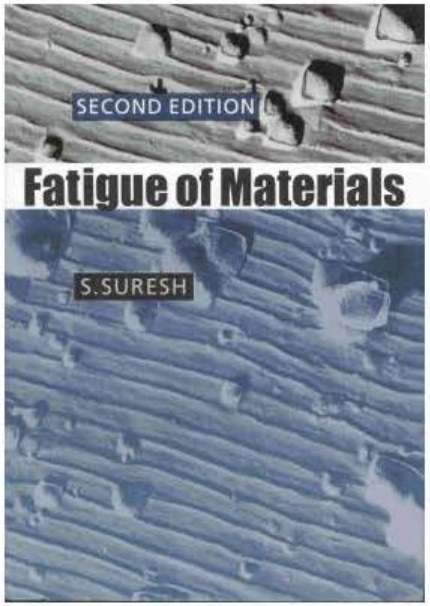
RESEARCH | PEOPLE | PUBLICATIONS | ABOUT

The Nanomechanics Laboratory investigates mechanical properties of engineered and biological materials at the nano to macro-scale using experimental, analytical, and computational techniques.

The lab's current research projects include studies of nanostructured materials as well as exploring connections between biological cell mechanics and human disease states.

Areas of Interest

- Biomechanics and Biophysics of the Cell
- Malaria
- Nanoscale Properties of Biological Materials
- Nanostructured or Amorphous Materials
- Nano-Indentation and Micro-Indentation
- Surfaces and Thin Films
- Functionally Graded Materials



Recent Publications

Low Temperature Creep of SnPb and SnAgCu Solder Alloys and Reliability Prediction in Electronic Packaging Modules

Y. Zhang, H. Zhu, M. Fujiwara, J. Xu and M. Dao, *Scripta Materialia*, 68 (2013) 607-610.

Dynamic deformability of Plasmodium falciparum-infected erythrocytes exposed to artesunate in vitro

S. Huang, A. Undisz, M. Diez-Silva, H. Bow, M. Dao and J. Han, *Integrative Biology*, 5 (2013) 414-422.

Probing circulating tumor cells in microfluidics

P. Li, Z.S. Stratton, M. Dao, J. Ritz and T.J. Huang, *Lab on a Chip*, 13 (2013) 602-609.
==> See *Lab on a Chip* **Blog** about this article

Cytoadherence of erythrocytes invaded by Plasmodium falciparum:

Recent News

Tue, 02/05/2013
NSF Director Subra Suresh Named Carnegie Mellon University President

National Science Foundation Director Subra Suresh announced that he will step down from his current role at NSF at the end of March to accept an appointment as Carnegie Mellon University's ninth president, effective July 1.

Tue, 10/02/2012
PNAS: QnAs with Subra Suresh

Expertise, transparency, impartiality, appropriateness, confidentiality, and integrity: Those are the guiding principles of scientific merit review espoused by a recent global summit hosted by the National Science Foundation (NSF).

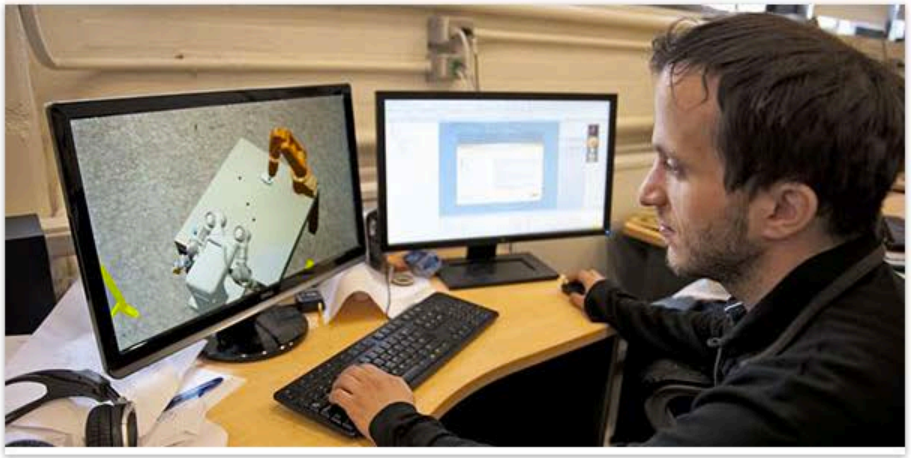
Thu, 08/30/2012
Protein impedes microcirculation of malaria-infected red blood cells

MIT-led research team finds that

Interactive ROBOTICS @MIT

Search

ABOUT RESEARCH PUBLICATIONS NEWS/EVENTS



Welcome to the Interactive Robotics Group!

We are a research lab at MIT developing innovative methods for enabling fluid **human-robot collaboration**. Our vision is to harness relative strengths of humans and robots to accomplish what neither can do alone. We focus on developing robots that work in teams with people in **high-intensity** and **safety-critical** applications, including industrial manufacturing, disaster response, and space exploration.

Our lab is in the Department of Aeronautics and Astronautics and is affiliated with the Computer Science and Artificial Intelligence Laboratory.

Recent News

Mon, 06/24/2013
New Website!

Fri, 06/07/2013
Congratulations to our recent SM graduates!

Sat, 03/30/2013
"Freed From Its Cage, the Gentler Robot"

The New York Times

Mon, 03/25/2013
IRG Hosting CEO of ABB

more

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MIT AEROASTRO

Contact Us

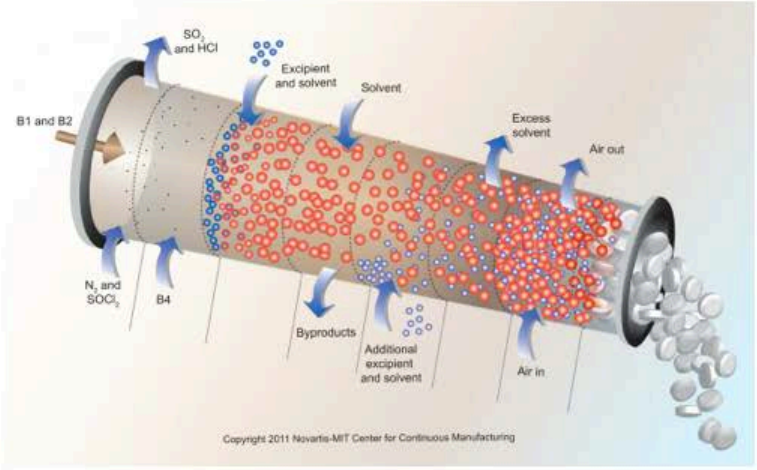
Novartis-MIT Center for Continuous Manufacturing

About Us

The Novartis–MIT Center for Continuous Manufacturing is a 10-year research collaboration aimed at transforming pharmaceutical production. Combining the industrial expertise of Novartis with MIT's scientific and technological leadership, the Center develops new technologies to replace the pharmaceutical industry's conventional batch-based system with a continuous manufacturing process. Continuous manufacturing will benefit patients, healthcare providers, and the pharmaceutical industry by:

- Accelerating the introduction of new drugs through efficient production processes
- Requiring the use of smaller production facilities with lower building and capital costs
- Minimizing waste, energy consumption, and raw material use
- Monitoring drug quality on a continuous basis rather than through post-production, batch-based testing
- Enhancing process reliability and flexibility to respond to market needs

Initial research is conducted primarily through PhD programs at MIT laboratories and involves MIT faculty members, students, postdoctoral fellows, and staff scientists. Novartis then applies the research to industrial-scale projects and pilots new manufacturing processes using its own pharmaceutical products. Novartis has committed its manufacturing and R&D resources and $65 million to the Center over the next 10 years.



Upcoming Industry Events

8th Annual Global Pharma Manufacturing Summit
Boston, MA

June 27–28, 2013

http://www.gpmsummit.com/




This site is currently under construction. Please visit our main site here.

The Laboratory for Manufacturing and Productivity (LMP) is an interdepartmental laboratory in the School of Engineering with three major goals:

- The development of the fundamental principles of manufacturing systems, processes, and machines
- The application of those principles to the manufacturing enterprise
- The education of engineering leaders

Since its establishment in 1977, the LMP has grown to include 14 faculty and senior research staff, who conduct research and educate over 60 students in the areas of design, analysis, and control of manufacturing processes and systems. The laboratory seeks to establish a rational foundation for manufacturing based on a systematic understanding of the complex interactions among the many areas of manufacturing. Research along those lines has led to innovation in manufacturing processes and better understanding of planning, design, and production operations.

The laboratory draws upon faculty and staff from the Department of Mechanical Engineering, but participates in wide-ranging programs that involve many other departments and programs at MIT. Representatives of industrial firms associated with the laboratory's research and education also contribute important perspectives.

Opportunities for undergraduates and graduate students are available for thesis research and UROP projects. There are also a limited number of postdoctoral research positions.

Recent News

My Latest News Article

Wed, 07/17/2013

MIT Drupal Cloud

Massachusetts Institute of Technology

Education

student resources

How to find stuff at MIT

What are you looking for?

Search

- Advising and Academic Support
- Academic Planning and Tools
- Research
- Housing, Dining and Transportation
- Activities, Arts and Recreation
- Personal Support and Wellness
- Public Service
- International Opportunities
- Professional Development
- Careers, Jobs and Internships
- Finances
- Safety

Monthly Student Digest

September 2013

Eric Grimson
Chancellor

With the start of a new academic year, this is a good time to reflect on the dramatic changes underway in education and learning environments. News articles focus on the rising cost of higher education and the growing debt assumed by many college...

Undergraduate | Graduate

Students Are Asking...

View All >>

Q: What is the graduate school administration doing to improve diversity and gender balance among the graduate student population?

Read response from Office of the Dean for Graduate Education

Q: What is MIT's position on graduate student work/life balance, which many graduate students feel is skewed? What efforts can/should be undertaken to help people lead more balanced lives?

Read response from Office of the Dean for Graduate Education

Q: What is happening with Bexley Hall?

Read response from Dean for Student Life

Q: I'm not interested in a lot of the classes that I'm required to

Academic Calendar

Download the Calendar >>

Monday, October 14

Columbus Day -- Holiday.

Tuesday, October 15

Columbus Day -- Holiday.

Friday, October 25

Google Calendar

@MITstudents

MIT Students @MITstudents 1h

On Tuesday, Oct. 15 at 7 pm at 10-250 author and #tech thought leader @traceywilen will be speaking at #MIT about Women and Leadership.

Expand

Bruce Mendelsohn @gordonmitelp 2h

#MIT 100K competition poster! @MITstudents @MITevents Deadline to apply is 10/15. pic.twitter.com/rjONj04Iet

Retweeted by MIT Students

SuperUROP

Search

SPONSORS STUDENTS NEWS

We are pleased to welcome you to the SuperUROP website where you can meet the SuperUROP students, faculty advisors and industry mentors and learn about the exciting research collaborations made possible by this unique program. We will be featuring some of our inaugural SuperUROP students who are now moving on to either graduate work, industry internships or startup collaborations.

There will be some exciting events this year featuring the research progress of our students. Please check our events listings on this website. In addition, we are planning a special three week course to focus on entrepreneurship to be offered during the MIT Interim Activities Period (IAP).

Be sure to explore the SuperUROP in detail through last year's and upcoming media coverage on this site and see the 2012-13 and 2013-14 SuperUROP brochures available on this site.

News

Denzil Sikka, SuperUROP 2012-13 writes about...

Wed, 08/21/2013

First 'SuperUROPs' cap off inaugural year EECS...

Mon, 05/13/2013

Events & Announcements

SuperUROP opening reception :
Stata R&D Lounge :
5:00 - 7:00 PM :
Thursday, Sept. 26, 2013

Spotlights

Spotlight here

What is Academic Integrity?

Fundamental to the academic work you do at MIT is an expectation that you will make choices that reflect integrity and responsible behavior.

MIT will ask much of you. Occasionally, you may feel overwhelmed by the amount of work you need to accomplish. You may be short of time, working on several assignments due the same day, or preparing for qualifying exams or your thesis presentation. The pressure can be intense. On the Working Under Pressure page, we suggest resources to help you manage your workload and prevent yourself from becoming overwhelmed. However, no matter what level of stress you may find yourself under, MIT expects you to approach your work with honesty and integrity.

Honesty is the foundation of good academic work. Whether you are working on a problem set, lab report, project or paper, avoid engaging in plagiarism, unauthorized collaboration, cheating, or facilitating academic dishonesty. Follow this advice:

Plagiarism

Do	*Don't*
Trust the value of your own intellect.	Don't purchase papers or have someone write a paper for you.
Undertake research honestly and credit others for their work.	Don't copy ideas, data or exact wording without citing your source.

Unauthorized Collaboration

Do	*Don't*
Trust the value of your own intellect.	Don't collaborate with another student beyond the extent specifically approved by the instructor.

Cheating

Do	*Don't*
Demonstrate your own achievement.	Don't copy answers from another student; don't ask another student to do your work for you. Don't fabricate results. Don't use electronic or other devices during exams.
Accept corrections from the instructor as part of the learning process.	Don't alter graded exams and submit them for re-grading.
Do original work for each class.	Don't submit projects or papers that have been done for a previous class.

Facilitating Academic Dishonesty

Do	*Don't*
Showcase your own abilities.	Don't allow another student to copy your answers on assignments or

IMES

INSTITUTE FOR MEDICAL ENGINEERING & SCIENCE

The Institute for Medical Engineering & Science (IMES) aims to pioneer novel research and graduate education paradigms to advance health and educate a generation of leaders working at the convergence of engineering, science, and clinical medicine.

READ MORE

MITx

INNOVATION

ASK AN ENGINEER

Search

First Generation Project

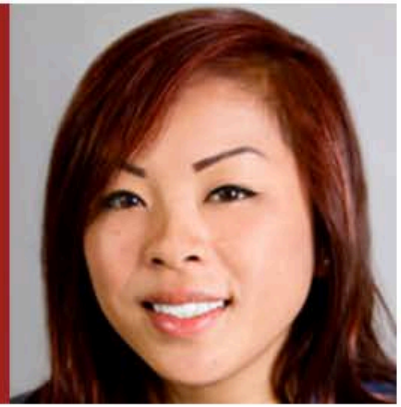
For First Generation MIT Students

- Make Connections
- Events
- Resources
- I Am First Gen
- News
- About FGP
- Contact

The First Generation Project (FGP) is committed to building a sense of community among First Generation MIT students, faculty, and staff, and raising awareness of their unique experiences. Through this network, we enhance the academic success, professional growth, and personal development of First Generation students at MIT.

Meme Tran

MIT Student
Biology Major
Class of 2013



I am First Generation!

Meme Tran was the first in her family to graduate from college.

Are you First Generation at MIT?

Join the FGP community and make connections:

- Contact the FGP exec board so we can include you in community events, announcements and discussions.
- Join the FGP Facebook group.
- Sign up for the first generation student directory, so other first generation students can easily find you.
- Become a first generation peer mentor and help a first generation freshman transition to life at MIT or sign up as a mentee.

Recent News

New Stories: "I Am First Generation"

Several MIT Faculty members have recently submitted a story to this site's I Am First Generation page. Each story is unique, but patterns of experience are emerging. How do these stories compare to your own? What can you learn from them?
Check out new stories from:
Professor Scott Hughes (Physics)
Lecturer Sean Patrick Robinson (Physics)

Celebrating First Generation Graduates

Graduation day is a significant milestone for everyone, but for a subset of the MIT population, getting their degree has special meaning. For those MIT students who are the first generation in their family to graduate from college, and in some cases, the first one ever to go to college, Commencement represents breaking new ground in the history of their families.
To honor these students' accomplishments, as well as the sacrifices and contribution of their families, the First Generation Project hosted a special Commencement Day reception. Read more....

New I Am First Gen story and photo

Read the newest I Am First Gen story, from **Shamarah Hernandez '12,** who is putting her Economics degree to work in Washington, DC.

Bang Your Head! Heavy Metal 101 @ MIT

shattering eardrums since 2006

Search

IAP 2014

Eight years strong, this crash course in all things **Heavy Metal** will have you Head Banging, Air Guitaring, and Devil Horn Raising in no time! Learn everything you ever wanted to know about **Heavy Metal**, including who's awesome, who isn't, why louder DOES mean better, and so much more!

New for 2014: A 4-part lecture series, Thursdays in January 2014 (details below).

Topics include: origins and history; culture and iconography; why Judas Priest rules and why Metallica used to; and why Lemmy *IS* God.

A multimedia extravaganza that covers everything you ever wanted to know about Heavy Metal!

If you think that Poison is Metal (they're not), that ümlaüts häve nö pläce in the Ënglish längüage (they do), and can't tell the difference between Black Sabbath and Bon Jovi (hell, if you think Bon Jovi is listenable, for that matter), then you can't afford to miss this series. This is guaranteed to be the most *BRUTAL* class ever offered at MIT!

WARNING: This series most definitely goes to 11! Earplugs optional.

Blog

CNN Covers the REAL news
Thu, 09/12/2013

Swedish Metal
Fri, 08/23/2013

Primeiro Simpósio da Comunidade Científica Brasileira na Nova Inglaterra

5 de outubro de 2013 @ MIT Stata Center

Este simpósio pioneiro tem como objetivo a aproximação de acadêmicos e pesquisadores brasileiros vinculados às áreas STEM (*Science, Technology, Engineering & Math*), celebrando nossas raízes e busca pelo conhecimento. Assim, espera-se favorecer um senso de comunidade científica brasileira, que promova oportunidades de intercâmbio, orientação e colaboração interdisciplinar entre os participantes, e auxilie o governo brasileiro em seus diversos programas de cooperação internacional em Ciência, Tecnologia & Inovação.

Contamos com a sua presença!

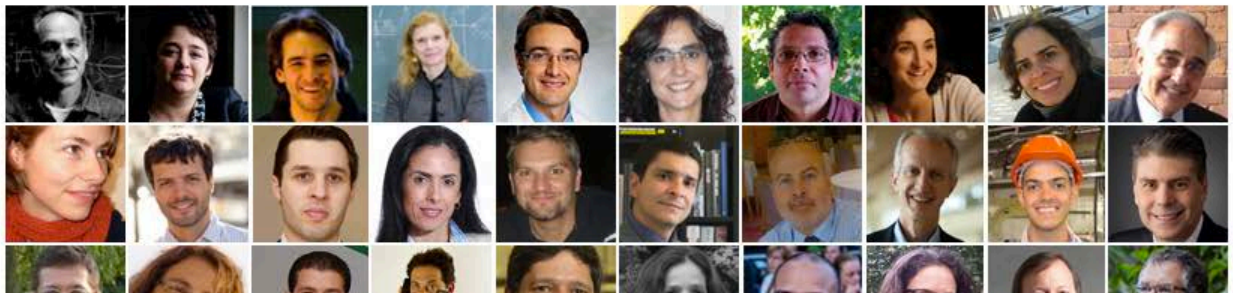
Realização e contato

Cristina Caldas, Consulado-Geral do Brasil em Boston
Marcelo Gleiser, Dartmouth College
Ben Ross Schneider, Clarice Aiello e Rosabelli Coelho-Keyssar, MIT
Pesquisadores e Universitários Brasileiros em Boston (PUBBoston)

e-mail: simposio@mit.edu

hashtag: #SimposioMIT

compartilhamento de fotos: trycapsule.com/ZWPC9



AERONAUTICS & ASTRONAUTICS

BIOLOGICAL ENGINEERING

CHEMICAL ENGINEERING

CIVIL & ENVIRONMENTAL ENGINEERING

ELECTRICAL ENGINEERING & COMPUTER SCIENCE

ENGINEERING SYSTEMS

HEALTH SCIENCES &TECHNOLOGY

MATERIALS SCIENCE & ENGINEERING

MECHANICAL ENGINEERING

NUCLEAR SCIENCE & ENGINEERING

MIT ENGINEERING PHDS AND POSTDOCS

Every year the School of Engineering at MIT graduates new PhDs from a dozen very selective, challenging, and rigorous doctoral research programs. We also offer extended training to some of the brightest PhDs from around the world as post-doctoral fellows and associates in our research laboratories.

Our PhD candidates and postdocs work closely with faculty from the departments and programs listed to the left to pursue original research projects. They execute these projects to generate the knowledge, scholarship, products, and processes that will impact the future of their fields, and potentially much more.

In an attempt to provide greater visibility for our completing PhDs and current postdocs -- and especially those who are considering academic careers -- we have created this environment. We want to share details about the members of our research and teaching community with our colleagues and counterparts at other research universities and institutions to help make any possible matches between their needs and our students. The information displayed here has been provided directly by students who anticipate completion sometime within the 2012-13 academic year.

MIT Drupal Cloud

Massachusetts Institute of Technology

Administration

AdminConnect

linking MIT administrators to ideas, resources, and one another

Welcome

AdminConnect is a support system designed to help us work together by providing key information and resources and opportunities for connection. The goal is to inspire us as MIT administrators to reach out to one another, share the work we're doing, and generate new ideas as part of one collaborative administration.

Recent News:

AdminConnect: The power of collaboration

MIT has proven with innovation after innovation that the best idea is often an amalgam of many ideas. That's why we've created the AdminConnect website—to inspire us as MIT administrators to reach out to one another, share the work we're...

New Employees and Hiring Managers Benefit from New App

"What's a Kerberos?" When members of the Hiring Experience team heard those words in a focus group conducted with 16 new hires last year, they realized they faced a challenge. How best to guide...

Project Next: streamlining research administration

It takes a finely tuned environment—intellectual, physical, economic—for outstanding scientists to produce world-changing research. MIT accomplishes this with crucial support from the Office of Sponsored Programs (OSP), which helps to...

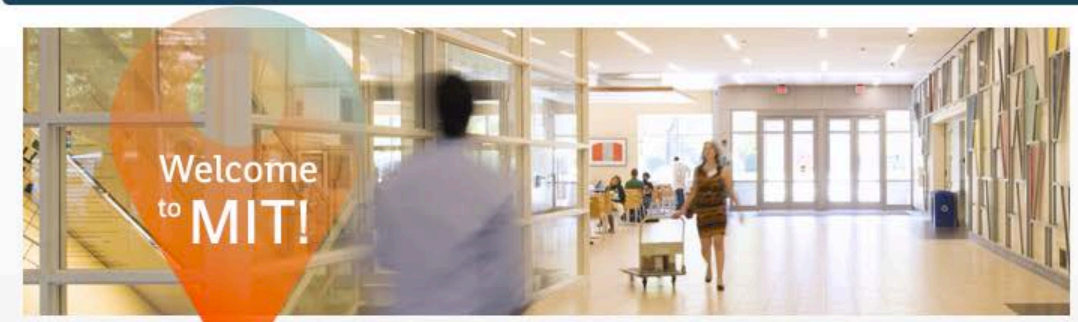
Search Go

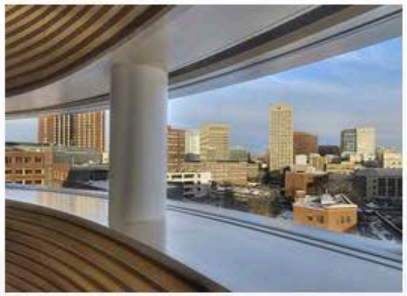
New Employee Orientation & Onboarding

A guide for new employees and their managers

Managers/DLCs: Onboarding a New Hire

Welcome | Before You Start | Your First Days | Your First Months | Your First Year | Your MIT | Your Benefits | Contact





You've joined a creative, diverse, energizing community uniting more than 10,000 faculty and staff and 10,000 students representing all 50 states and more than 100 nations.

We've put this website together to share everything we think you might need or want to know about life in this expansive community.

Wellness & Family

MIT offers an extensive support system to help you achieve goals and conquer challenges, both personal and professional.

Join a Professional Group

MIT abounds with professional and technical groups that employees may join.
Get connected!

Benefits | Perks | MIT App | Find Your Way

New Here?

Don't forget the important tasks you need to complete before you start or in your first few days.

grayhouse

Search

- Home
- Contact

Login using Touchstone

Welcome to Gray House at MIT.

Gray House is home to the MIT President and family. We are located at 111 Memorial Drive, Building E-1 on the MIT campus. The house is a short walk from the Kendall Square T stop and the hotels in the neighborhood. See our location on the MIT campus map.

To reply to an event invitation from President and Mrs. Reif

Please refer to the URL in the emailed invitation to rsvp for an event. We will be glad to send the URL separately by request: please email Kathryn LaFargue, indicating to which event you would like to reply.

Contact us

- Email: Kathryn LaFargue, Gray House manager
- Phone: 617-253-8796

MIT ONE COMMUNITY ROOM • 8-219

Massachusetts Institute of Technology

- Rules of usage
- Reserve the room
- Room layout
- One Community resources

Welcome!

MIT's One Community Room (8-219) is a private and safe space intended to help build community at MIT. It may be reserved by individuals or by groups whose focus is fostering a sense of belonging and unity on the MIT campus. MIT is an institution that values collegiality, openness, and inclusion. This resource is designed to advance those principles by providing a home for members of our community seeking a quiet space for reflection, or for committees, clubs, or working groups with a community-based charge.

Reserve the room. →

Hours of operation: 6:00 AM to 11:00 PM, 7 days a week, year-round.
Except for during the midday hours (11:30 AM to 1:30 PM), please do not enter the room without a reservation.

MIT One Community Room
Building 8, Room 219

one-community@mit.edu

MIT Root Cause Analysis

So You've Been Asked to Participate in a Root Cause Analysis?

What does that mean and what is a Root Cause Analysis (RCA)?

We often hear people say we need to get to the root of a problem, or get asked about a root cause when something occurs. But what is the process we're talking about using here at MIT?

A formal definition of RCA is that it is a structured approach to indentifying the factors that lead to the outcome of a past event in order to to promote the achievement of better future consequences. OK... but what does that boil down to?

See More

What is Root Cause Analysis?

A structured approach to indentifying the factors that lead to the outcome of a past event in order to to promote the achievement of better future consequences.

- Root Cause Analysis helps identify what, how and why something happened, thus preventing recurrence.
- Root causes are underlying, are reasonable identifiable, can be controlled by management and allow for the generation of recommendation
- The process involves data collection, cause charting, root cause identification and recommendation generation and implementation

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Why are we doing this?

When problems arise, we solve them. Once we've taken care of them, and taken away an pertinent lessons, why would we do further analysis?

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Causal Thinking

Just because a Root Cause Analysis usually includes a basic set of common steps and tools doesn't mean that its method should be restricted to formal RCAs.

Using "causal thinking" in our day to day work, either individually or amongst our peers is a very rewarding and powerful way to gain a deeper understanding of the factors that initiate events affecting our customers and us. And working together, brainstorming causes in a blame-free zone feels fun and rewarding. It helps us better understand one another and the work we do. So give it a try!

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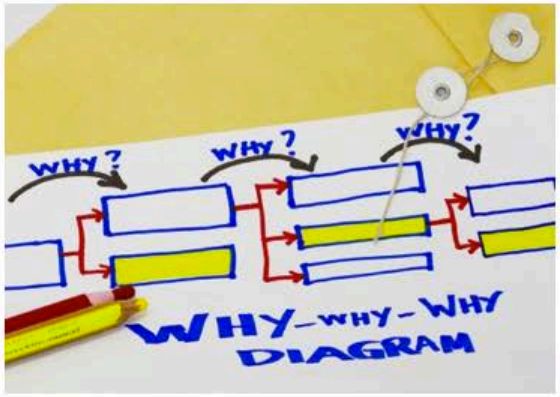

Where children explore their own big ideas

Our five Technology Childcare Centers (TCC) have been developed in the spirit of MIT. Each is a dynamic and nurturing multicultural environment where children participate in adventures promoting invention and discovery. Our skilled teachers view every child as an individual with a unique learning style and way of responding to the world. MIT created this parent resource as part of a larger mission to support the work-life needs of its faculty, post-doctoral scholars, students, and staff.

The David H. Koch Childcare Center opens

The new 14,000 sq. ft. David H. Koch Childcare Center at 219 Vassar Street accommodates approximately 126 infants, toddlers, and preschoolers—nearly doubling the TCC childcare capacity on the MIT campus. Toddler and preschool spaces are still available and are being filled on a first-come, first-served basis from the existing TCC waiting list.

MIT Work-Life Center

The Institute's childcare centers are administered by the MIT Work-Life Center, which offers MIT affiliates and their families a broad range of resources, including referrals to childcare services, information on parental leave, breastfeeding support, parenting consultations, back-up child- and adult-care services, and assistance with other work-life solutions. The MIT Work-Life Center is located in Building 16-151.

Work-Life Resources 24/7

Relocating from another country? Looking for after-school programs or adult care? Struggling with a legal or financial issue? Consult MIT's Work-Life Resources 24-7 referral service to help solve your work-life challenges. Faculty, post-doctoral scholars, students, and staff can access this free support system online or via email, phone, or live chat.

Preventing and Addressing Sexual Misconduct at MIT

MIT is committed to creating and providing a learning, living and working environment free from discrimination including sexual harassment and sexual violence. This website describes MIT's resources for preventing and addressing sexual misconduct and MIT's policies and procedures for reporting and investigating complaints of sexual harassment, sexual violence and sexual misconduct.

MIT complies with applicable state and federal statutes, including Title IX of the federal Higher Education Amendment of 1972, which prohibits discrimination on the basis of sex under any education program or activity receiving federal financial aid. Sexual assault and sexual harassment is a form of sex discrimination prohibited by Title IX.

Gender based discrimination, including sexual misconduct and sexual harassment, committed by MIT students, staff or faculty will not be tolerated. This applies to academic, educational, athletic, residential and other Institute operated programs. MIT encourages individuals who believe they have been sexually harassed, assaulted or subjected to sexual misconduct by an MIT student or employee to seek assistance. MIT provides a variety of options available to an individual, so that each person may choose a path for response best suited to his or her particular situation. MIT procedures are intended to protect the rights of the complaining party ("the complainant"), the accused ("the respondent") and other participants in investigations of complaints.

Any allegation of sexual misconduct brought against a MIT student or employee, regardless of where the alleged sexual misconduct occurred, will be taken seriously. Sexual misconduct alleged to have occurred off the MIT campus may be more difficult to investigate. If a person who is not a member of the MIT community notifies MIT of alleged sexual misconduct by an MIT student or employee, MIT will determine whether the conduct described is a sufficient risk to the safety of the MIT community to review further.

Vice President for Human Resources Alison Alden and Senior Associate Dean for Student Life Barbara Baker serve as Co-Title IX Coordinators. Title IX coordinators are responsible for tracking and monitoring incidents of gender based discrimination, including sexual misconduct, to ensure that MIT responds effectively to each complaint, and, where necessary, to conduct an investigation of a particular situation. MIT has also designated Title IX deputy coordinators who have been trained to assist individuals with concerns of this nature.

Veterans @ MIT

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Home

The future home of the Veterans @ MIT website.

MIT Together is the online portal to support resources for our graduate and undergraduate students. The site's purpose is to provide a clear path to help, advice, and support for students in need, as well as to offer insight into how various programs and services work. If you are in need of immediate assistance, please use MIT Together to get help now.

Recent News

There are no news items at this time, please check back later.

MIT Drupal Cloud

Home
Inspirations
Get Involved
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25 inspirations over 25 years

Over the past 25 years of the MIT Public Service Center, we've been inspired by the amazing humanitarian efforts of the MIT community. As we celebrate our 25th anniversary, we invite you to join us and explore 25 stories and perspectives of public service. We know there are many more to tell, so be sure to share your own public service stories with us.

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Massachusetts Institute of Technology

Clubs, Groups, Individuals

The MIT Aikido Club

Serving the university community since 1978.

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Home

Welcome!

Aikido is a Martial art that emphasizes blending with the attacker, rather than confronting the attacker with hard techniques such as punches and kicks.

Beginners are always welcome to come by and observe a practice or join us on the mat. No previous experience is required; all that we ask for is a sincere desire to learn since it does require the club's effort to train a person. See our class schedule for information on when and where we practice. Also feel free to take a look at our introductory information on etiquette, what Aikido is about, its history, and principles of training.

The MIT Aikido club, started in 1978, is a member dojo of the U.S. Aikido Federation and is affiliated with the New England Aikikai located in Porter Square. We have three instructors that teach on various days of the week. Our head instructor, Dick Stroud, is a 6th Degree Black Belt and a "shihan" (high-level instructor).

For more information about the club, feel free to contact Mitchell L. Hansberry.

Recent News

There are no news items at this time, please check back later.

Classes are on Highlighted Days

September 2013

M	T	W	T	F	S	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

- See more events

Recent Blogs

There are no blog items, check back later.

Welcome to the professional website of Eilaf Ahmed

Eilaf Ahmed was born in Athens, Ohio. She received a combined B.S. and M.S. degree in Chemistry and a minor in philosophy in 2005 from the State University of New York at Stony Brook. Eilaf then moved to Seattle, where she earned her Ph.D. in chemistry from the University of Washington in 2011 under the guidance of Professor Samson A. Jenekhe. While at UW, her graduate work focused on engineering the electronic structures of organic semiconductors using molecular design and synthesis, to understand structure-property relationships and developing the next generation, high-performance, low-cost organic electronics.

Currently, Eilaf is a postdoctoral fellow with Professor Timothy M. Swager at MIT. The focus of her research is the development of multicomponent conjugated polymer nanoparticles for *in vivo* imaging and target-specific drug delivery for early diagnostics and treatments of cancer. Following her postdoctoral training, she aims to establish an independent research program at the interface of synthetic organic chemistry, materials science and engineering and biomedical diagnostics and therapeutics delivery.

Awards

- Carl Storm Award from the Gordon Research Conferences, 4/22/2013
- UNCF/Merck Science Postdoctoral Fellowship, Nov. 2011- June 2013.
- Martin Luther King, Jr., Visiting Scholar, June 2011- May 2012.
- UNCF/Merck Science Research Dissertation Fellowship, Sept. 2009- Jan. 2011.
- XEROX Technical Minority Scholarship, 2008.
- Best Poster Award at the Materials and Devices for Information Technology Research (MDITR) retreat and Expo, 2008.

Recent News

Our paper on "Highly fluorescent multiblock conjugated polymer nanoparticles for targeted imaging" appeared online today in Adv. Mater.
Mon, 06/24/2013

Eilaf receives the Carl Storm Award from the Gordon Research Conferences
Mon, 04/22/2013

Eilaf was invited to speak at the "Dinner with a Professor" series
Tue, 02/12/2013

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Alexandra Andrews

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welcome!

My name is Alex Andrews; I am a graduate student in the Department of Earth, Atmopsheric, & Planetary Science at MIT. I am interested in a wide variety of topics ranging from magmatic processes at subduction zones to the paleoclimate of the southwestern US. I am a member of the MIT Experimental Petrology Laboratory and work with Professor Timothy Grove as well as with Professor David McGee.

Please feel free to contact me at ala@mit.edu.

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Lutheran Episcopal Ministry at MIT

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Welcome

Join us for Wednesday nights at LEM

5:15 — 6:15 Worship in the MIT Chapel
6:15 — 7:15 Community Dinners prepared by LEM students and chaplains
7:15 — 8:30 After Dinner Conversations

There are no faith requirements for participation in any LEM worship service or event, ever. You are welcome here.

Our Faith

The LEM community gathers for worship in the MIT Chapel, Wednesdays at 5:15, all year long. Our weekly Eucharistic celebrations are rooted in the Episcopal and Lutheran traditions. Our students, staff members and professors come to LEM with a wide variety of prior religious experiences and personal beliefs. Our life together as a community is less about making sure we all believe the same things, and more about creating a spiritual home where we can engage the 'big questions' together – questions about God, about ourselves, about our world, about the Gospels, about science, about believing, about knowledge, and about discipleship. Many of us find that praying and thinking about these questions is centrally important to our lives and to the decisions we face every day.

UPCOMING EVENTS

Opening Year Worship and Dinner
Wed, 09/04/2013

Joint Service with the Protestant Student Community
Sun, 08/25/2013

Summer worship at LEM
Fri, 06/21/2013

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THE PICOWER INSTITUTE FOR LEARNING AND MEMORY
brain+cognitive sciences

Cortical Plasticity and Neuropsychiatric Disorders

Study. Design. Treat.

Welcome to **Abhishek Banerjee**'s Homepage. Abhi is a Neuroscientist at MIT studying Brain Development, Plasticity and Neuropsychiatric Disorders.

I am studying endogenous properties of single inhibitory interneuron that allows them to serve as information capture and storage devices in the brain. Towards this end, I am performing two-photon imaging, electrophysiology and optogenetic experiments in in vivo cortical circuits, combined with molecular perturbations including genome editing, to identify cellular mechanisms within or between neurons that enable their retention and consolidation of information, integration of sensory inputs, coincidence detection and refinement of topographic sensory maps.

Recent News

DBT-IPLS talk at Calcutta University
Thu, 10/03/2013

Informal discussion with Neurophysiology special paper students
Mon, 09/30/2013

David Hubel passes away
Sun, 09/22/2013

Broad Institute meeting on Emerging Genetics and Neurobiology of Severe Mental Illness
Mon, 09/09/2013

ESF Travel Grant awarded
Fri, 09/06/2013

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Sébastien Rochat

Chemistry and Beyond

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Introduction

Welcome to my professional web site!

I am a postdoctoral reseacher working at the Massachusetts Institute of Technology (MIT) in the Swager Laboratory. My interests are focused on conjugated polymers for organic electronics, catalysis and sensing applications. Taking advantage of the expertise diplayed by the Swager group in the field of nanotechnologies, I also develop composite materials blending carbon nanotubes and organic polymers for electrocatalytic applications.

In the future, I plan to combine my backgrounds in supramolecular chemistry and polymer science in an independant research program directed towards the development of new materials, supramolecular polymers and hierarchically self-assembled and organized systems. I am particularly interested in creating materials with emergent macroscopic properties programmed through the design of microscopic (molecular) entities.

Feel free to browse the pages, and to contact me if you would like to have more information.

Sébastien

Recent News

@ Gordon Conference
Wed, 06/26/2013

Our review on Conjugated Polymers for Sensing Applications appears online!
Mon, 05/20/2013

@ACS Meeting
Mon, 04/15/2013

more

MIT Chemistry Events

Monday, September 16, 2013

- Biological Chemistry Seminar Series:...
  Time: 4:00 pm
  Location: 56-114
  Lecturer: Dan Dowling, Drennan Lab, MIT
- Faculty Research Talk - Prof. Pentelute
  Time: 6:00 pm
  Location: 6-321
  Lecturer: Prof. Bradley Pentelute

Tuesday, September 17, 2013

- Faculty Research Talk - Prof. Ting
  Time: 6:00 pm
  Location: 6-321
  Lecturer: Prof. Alice Ting

Wednesday, September 18, 2013

- Faculty Research Talk - Prof. Lippard
  Time: 6:00 pm
  Location: 18-378
  Lecturer: Prof. Stephen Lippard
- Faculty Research Talk - Prof. Jamison