# NYIT SIAM Student Chapter Inaugural Meeting

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Faculty Advisors

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# (I) SIAM: Society for Industrial and Applied Mathematics



SIAM is the premier professional society for applied and industrial mathematicians. SIAM engages members at all levels through its student chapters, conferences, journals, prizes and awards programs, and memberdriven activities. We welcome new members, ideas, and volunteers and are excited to continue growing our service to the community.

Sven Leyffer, SIAM Past President

Argonne National Laboratory

# SIAM: Society for Industrial and Applied Mathematics



SIAM is the leading international organization for applied mathematicians and computational scientists. SIAM provides significant value to our community via its premiere journals and books, excellent conferences, advocacy activities, bustling activity groups, and local sections. A major strength of SIAM is its engaged membership.

Tamara G. Kolda

MathSci.ai

### SIAM: What We Do

### Membership

We are a community of 14,000 computational mathematicians, computer scientists, data scientists, numerical analysts, engineers, statisticians, physicists, educators, and students from more than 100 countries. Become a member and gain access to resources, cutting-edge research, invaluable networks, and more.

#### **Activity Groups**

SIAM Activity Groups provide a focused forum for SIAM members interested in exploring specific areas of applied mathematics, computational science, or applications.

### **Student Chapters**

SIAM Student Chapters promote applied mathematics and computational science to young mathematicians and scientists.

#### **Geographic Sections**

SIAM encourages the formation of sections comprised of members residing in a defined geographic region. Sections organize lectures, meetings, and other activities that serve their members.

#### Conferences

SIAM conferences focus on timely topics in applied and computational mathematics and applications. These conferences provide a place for members to exchange ideas and expand their network of colleagues.

## (II) SIAM: Student Chapters



SIAM News Activity Groups Prizes & Awards

Publications >

Programs & Initiatives V Conferences & Events V Membership V

Get Involved >



♠ - GET INVOLVED - CONNECT WITH A COMMUNITY - STUDENT CHAPTERS ¬

### **Student Chapters**

Promoting applied mathematics, computational science, and data science to young mathematicians and scientists around the world.

Start a Chapter



### **SIAM: Student Chapters**

### **About Student Chapters**

Interdisciplinary participation of students and faculty from a variety of departments provides invaluable opportunities to develop networks with faculty members outside of the classroom, share ideas and research with people with similar interests, learn about career options, and develop leadership skills.

Chapter activities can include:

- · lunch discussions about career opportunities
- · lectures by guest speakers
- undergraduate competitions and social functions
- field trips to industrial laboratories or SIAM section meetings

4,800+

Student Members From Around the World



## **SIAM: Student Chapters**

STUDENT CHAPTER

### Resources

Thank you for being involved with a SIAM student chapter! We want you to take advantage of as many opportunities as possible. That's why we're providing you with these resources to save you time, help keep you organized, and maybe even give you a little bit of inspiration.

#### **Student Chapter Reporting**

Every chapter is required to submit an annual report by June 30th. Your officers will receive a link to the form to fill out when it's ready. Chapter funding will not be issued to renewing chapters who have not submitted a report for the previous year. Download the financial report worksheet.

#### **Certificates of Recognition**

SIAM recognizes students for outstanding service and contributions to SIAM student chapters.

#### **Representing Your Chapter**

Represent your chapter at a SIAM annual meeting! Each student chapter is entitled to send one representative to SIAM's student days event. This person is eligible for travel funding.

#### Student Chapter Funding

SIAM provides up to \$500 per academic year for each student chapter to support guest speakers, refreshments for chapter meetings, and other activities.

#### Chapter Activities and Collaborations

Check out our list of chapter activities, suggestions on how to organize them, and tips for staying in touch with other chapters!

## SIAM Career and Internship Resources

- Career Resources
- Internship Resources
- Big Math Network
- SIAM Conference Calendar
- SIAM Engage

### (III) SIAM@NYIT: Ideas for Activities

- Learn what you can do with an applied math degree
- Outside speakers from BIG sector and NY area universities
- Learn about Career and Internship Opportunities
- Attend and present at SIAM-NPP sectional conferences
- Professional Development: Networking, Resumes, Job/Internship Search, LaTex, Matlab/Python
- Student talks on math & internship experiences
- Undergraduate competitions and social functions

### **Student Leadership Opportunities**

**Promote Applied and Computational Math @ NYIT** 

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### SIAM@NYIT: Election for Officers

- President
- Vice President
- Secretary
- Treasurer

# SIAM@NYIT: Specific Ideas for This Year?

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### (IV) SIAM: Membership

### **Student Membership**

For full-time students attending a college or university studying mathematics, engineering, computer science, physical science, or who use mathematics or computational methods in any field of study, you're eligible for free or deeply discounted memberships, plus other added benefits!

There are plenty of opportunities for students to join SIAM for free. Even if you don't qualify for a free membership, as a student you pay only \$25 and receive all the benefits of membership plus more.

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## SIAM: Membership

♠ - MEMBERSHIP - NOMINATE A STUDENT FOR COMPLIMENTARY SIAM MEMBERSHIP ¬

# Nominate a Student for Complimentary SIAM Membership

SIAM nonstudent members in good standing can nominate up to two students per year for free membership in SIAM.

- Each NYIT Math Faculty in SIAM can nominate 2 students for free membership
- Also: Once our Student Chapter is on the SIAM website, students can join for free.
- Faculty Nomination Form

### SIAM: Membership Benefits

### Why Join?

#### Networking

Meet professionals from major research institutions and corporations, and network with peers and faculty through SIAM programs and conferences

#### Resources

Resources for identifying and developing career options in applied and computational mathematics and data science

#### Visibility

Increased your visibility in the applied mathematics and computational and data science communities

#### Prizes

Membership may be considered in applications for SIAM Student Travel Awards to attend a SIAM conference, if all other qualifications among candidates are equal

#### Access

Access to cutting edge research through SIAM publications and conferences - at a deeply discounted rate!

# SIAM: Membership Benefits

#### What You Get

- Free membership in two SIAM activity groups
- Electronic and/or print access to SIAM Review

30% discount on all SIAM books

- Up to 85% discount off SIAM conference registration rates
- 80% discount on up to four (4) subscriptions to SIAM journals in print and any number of electronic iournals
- Eligibility to hold office and serve on SIAM committees

- **Subscription to SIAM News**
- 95% discount on electronic access to current content and archives for all journals
- Paying students are eligible to vote in SIAM elections

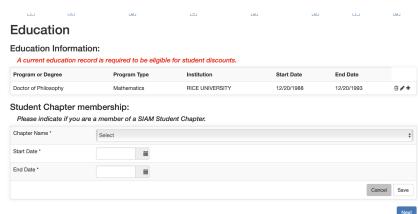
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## (V) SIAM: How to Join

### Join SIAM here

First Step: Get info from Dr Zweck on how to join for free

Second Step: Make a SIAM account. Then:



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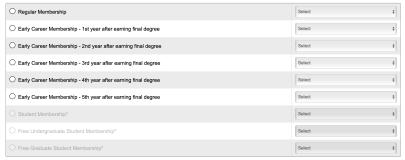
### SIAM: How to Join

### Membership Selection



WARNING: Selecting one of the options below will upgrade your membership. Please consider your choices carefully as once you click "Next" you will NOT be able to go back to your prior membership. If you do not wish to upgrade, click "Cancel". If you need assistance changing to another membership type, please contact SIAM Customer Service at the telephone number below or by email to: membership@siam.org

### Available Memberships:



Free or discounted student memberships are available for current students. Please update your education profile if you qualify.



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### SIAM: How to Join

### **Activity Groups**

#### SIAM Activity Groups:

SIAM Activity Groups (SIAGs) provide a way for you to network and communicate with other members who share your interests. SIAGs organize conferences, newsletters, e-mail lists, and websites, and many award prizes to recognize excellence. Click here to review more benefits of joining an activity group or click on the name of an activity group below for more information.

Students get their first two activity groups FREE. The adjusted price will be shown on the order summary screen before you confirm your order.

SIAM Activity Group on Algebraic Geometry Membership	Select	<b>\$</b>
SIAM Activity Group on Analysis of Partial Differential Equations Membership	Select	\$
SIAM Activity Group on Applied and Computational Discrete Algorithms Membership	Select	<b>‡</b>
SIAM Activity Group on Applied Mathematics Education	Select	*
SIAM Activity Group on Computational Science and Engineering Membership	Select	\$
SIAM Activity Group on Control & Systems Theory Membership	Select	\$
SIAM Activity Group on Data Science Membership	Select	\$
SIAM Activity Group on Discrete Mathematics Membership	Select	\$
SIAM Activity Group on Dynamical Systems Membership	Select	•
SIAM Activity Group on Equity, Diversity, and Inclusion Membership	Select	\$

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# SIAM: How to Join

SIAM Activity Group on Financial Mathematics and Engineering Membership	Select \$
SIAM Activity Group on Geometric Design Membership	Select \$
SIAM Activity Group on Geosciences Membership	Select \$
SIAM Activity Group on Imaging Science Membership	Select \$
SIAM Activity Group on Life Sciences Membership	Select \$
SIAM Activity Group on Linear Algebra Membership	Select \$
SIAM Activity Group on Mathematical Aspects of Materials Science Membership	Select ‡
SIAM Activity Group on Mathematics of Planet Earth	Select \$
SIAM Activity Group on Nonlinear Waves and Coherent Structures Membership	Select \$
SIAM Activity Group on Optimization Membership	Select \$
SIAM Activity Group on Orthogonal Polynomials and Special Functions Membership	Select \$
SIAM Activity Group on Supercomputing Membership	Select \$
SIAM Activity Group on Uncertainty Quantification Membership	Select \$

Next