

## Primary Professional Interests (Select up to three)

- Algebraic geometry. (49)
- Applications of mathematics and computation in industry. (40)
- Applied geometry including computer-aided design and related robotics. (14)
- Applied mathematics education (K–12, undergraduate curriculum, graduate study and modeling courses). (28)
- Applied probability including stochastic processes, queueing theory, and signal processing. (9)
- Astronomy, planetary sciences, and optics. (29)
- Atmospheric and oceanographic sciences. (20)
- Chemical kinetics, combustion theory, thermodynamics, and heat transfer. (21)
- Classical mechanics of solids including elasticity, structures and vibrations, and constitutive models. (16)
- Communication theory including information theory and coding theory. (13)
- Computational mathematics including scientific computing, parallel computing, and algorithm development. (7)
- Computer science including computer architecture, computer hardware, computational complexity, applied logic, database, symbolic computation. (8)
- Control and systems theory including optimal control. (11)
- Data mining, information retrieval. (48)
- Discrete mathematics and graph theory including combinatorics, combinatorial optimization, and networks. (5)
- Dynamical systems. (43)
- Economics and finance. (24)
- Electromagnetic theory, semi-conductors, and circuit analysis. (32)
- Environmental sciences. (23)
- Fluid mechanics including turbulence, aeronautics, and multiphase flow. (17)
- Functional analysis & operator equations, and integral & functional equations. (26)
- Geophysical sciences including reservoir modeling, seismic exploration, and petroleum engineering. (19)
- Imaging science including computer graphics, computer vision, related robotics, and tomography. (15)
- Life sciences including biophysics, biomedical engineering, & biomathematics. (22)
- Linear algebra and matrix theory. (1)
- Management sciences including operations research. (27)
- Materials science, polymer physics, and structure of matter. (31)
- Nonlinear waves and coherent structures. (44)
- Numerical analysis (theory). (6)
- Optimization theory and mathematical programming including discrete and numerical optimization and linear and nonlinear programming. (12)
- Ordinary differential equations including dynamical systems. (3)
- Partial differential equations including inverse problems. (4)
- Quantum physics, statistical mechanics, and relativity. (18)
- Real and complex analysis including approximation theory, integral transforms (including Fourier series and wavelets), integral equations, asymptotic methods, and special functions. (2)
- Simulation and modeling. (30)
- Social sciences. (25)
- Statistics including data analysis and time series analysis. (10)
- Uncertainty quantification. (50)
- Other \_\_\_\_\_

## Industry Type (if employed in industry)

Please select ONE:

- Agriculture
- Business Services
- Finance and Insurance
- Health Care
- Oil and Gas Extraction
- Scientific and Technical Services
- Utilities
- Other Services
- Information Services*
- Motion Picture and Sound Recording Industries
- Software
- Telecommunications
- Web Portals, Internet Search, and Related Services
- Other Information Services
- Manufacturing*
- Chemicals & Other Materials
- Computer and Electronic Products
- Consumer Products
- Pharmaceuticals
- Transportation Equipment
- Other Manufacturing
- Transportation Services*
- Air Transportation
- Couriers, Freight
- Rail Transportation
- Other Transportation

## Other Society Memberships

Check all that apply:

- ACM
- ACS
- AGU
- AIAA
- AIChE
- AMS
- ANZIAM
- APS
- ASA
- ASCE
- ASME
- CSCM
- CSIAM
- IEEE/CS
- ILAS
- IMS
- INFORMS
- MAA
- MOS
- SBMAC
- SMB
- SPE
- SPIE
- USACM
- VSAM
- Other

**Reciprocal Societies** (check all that apply)  
Members of the societies in **Groups 1 and 2** who **reside outside the U.S.** are eligible for reciprocal member rates. Check the appropriate box on reverse.

<b>Group 1</b> (30% discount) <input type="checkbox"/> AustMS <input type="checkbox"/> EMS <input type="checkbox"/> GAMM <input type="checkbox"/> IMA-UK <input type="checkbox"/> IMU <input type="checkbox"/> JSIAM <input type="checkbox"/> KSIAM <input type="checkbox"/> KWG	<input type="checkbox"/> SEMA <input type="checkbox"/> SIMAI <input type="checkbox"/> SMAI <input type="checkbox"/> SMS <input type="checkbox"/> TWSIAM	<b>Group 3</b> (20% discount) For members of these societies <b>regardless of place of residence.</b> <input type="checkbox"/> AWM
<b>Group 2</b> (20% discount) <input type="checkbox"/> CAIMS/ SCMAI		

## Activity Groups (SIAGs)

All Activity Groups are \$15 each for 12 months. Students may join two SIAGs for FREE. Check those that you wish to join:

- Algebraic Geometry
- Analysis of PDEs
- Applied Mathematics Education
- Computational Science & Engineering
- Control & Systems Theory
- Data Mining & Analytics
- Discrete Mathematics
- Dynamical Systems
- Financial Math & Engineering
- Geometric Design
- Geosciences
- Imaging Science
- Life Sciences
- Linear Algebra
- Mathematical Aspects of Materials Science
- Mathematics of Planet Earth
- Nonlinear Waves & Coherent Structures
- Optimization
- Orthogonal Polynomials & Special Functions
- Supercomputing
- Uncertainty Quantification

Activity Group Subtotal \$ \_\_\_\_\_

## Journals

Check those to which you wish to subscribe for 12 months:

(Outreach members are not eligible for journal subscriptions at member rates.)	ISSUES PER YEAR	PRINT (INCLUDES ELECTRONIC ACCESS <sup>†</sup> )		E-ACCESS ONLY <sup>†</sup>
		NORTH AMERICA	OUTSIDE NORTH AMERICA	ALL
SIAM Journal on...				
Applied Dynamical Systems				(electronic access only)
<i>Free when you join the Dynamical Systems or Life Sciences Activity Group.</i>				
Applied Mathematics	6	<input type="checkbox"/> \$135.00	<input type="checkbox"/> \$141.00	<input type="checkbox"/> \$121.00
Computing	6	<input type="checkbox"/> \$135.00	<input type="checkbox"/> \$141.00	<input type="checkbox"/> \$121.00
Control and Optimization	6	<input type="checkbox"/> \$135.00	<input type="checkbox"/> \$141.00	<input type="checkbox"/> \$121.00
Discrete Mathematics	4	<input type="checkbox"/> \$109.00	<input type="checkbox"/> \$113.00	<input type="checkbox"/> \$108.00
Financial Mathematics	4	(electronic access only)		<input type="checkbox"/> \$109.00
Imaging Sciences	4	(electronic access only)		<input type="checkbox"/> \$109.00
Mathematical Analysis	6	<input type="checkbox"/> \$135.00	<input type="checkbox"/> \$141.00	<input type="checkbox"/> \$121.00
Matrix Analysis & Applications	4	<input type="checkbox"/> \$125.00	<input type="checkbox"/> \$129.00	<input type="checkbox"/> \$121.00
Numerical Analysis	6	<input type="checkbox"/> \$135.00	<input type="checkbox"/> \$141.00	<input type="checkbox"/> \$121.00
Optimization	4	<input type="checkbox"/> \$125.00	<input type="checkbox"/> \$129.00	<input type="checkbox"/> \$121.00
Scientific Computing	6	<input type="checkbox"/> \$135.00	<input type="checkbox"/> \$141.00	<input type="checkbox"/> \$121.00
Multiscale Modeling & Simulation	4	<input type="checkbox"/> \$109.00	<input type="checkbox"/> \$113.00	<input type="checkbox"/> \$108.00
SIAM/ASA Jml on Uncertainty Quantification	4	(electronic access only)		<input type="checkbox"/> \$109.00
Theory of Probability and Its Applications	4	<input type="checkbox"/> \$135.00	<input type="checkbox"/> \$141.00	<input type="checkbox"/> \$121.00
<b>ELECTRONIC JOURNAL LIBRARY and ARCHIVE</b>				
E-Pack: SIAM Electronic Journals Library (1997–present)				<input type="checkbox"/> \$265.00
Locus: Online Journal Archive (inception–1996)				<input type="checkbox"/> \$104.00
Lopack (E-Pack and Locus)				<input type="checkbox"/> \$315.00

<sup>†</sup>Electronic access: 1997–present

Journal Subtotal \$ \_\_\_\_\_

# SOCIETY FOR INDUSTRIAL AND APPLIED MATHEMATICS

# siam.

## Application for

# MEMBERSHIP

January 1, 2018–December 31, 2018

## JOIN TODAY

to enjoy these benefits:

- **SIAM News**
- **SIAM Review**
- **SIAM Unwrapped (member e-news)**
- **Discounts on SIAM books, journals, and conferences**
- **Options for members only:**
  - **Join Activity Groups to network with peers**
  - **Nominate two students for free membership**
  - **Leadership opportunities**
  - **Eligible to nominate or be nominated as a SIAM Fellow**
  - **Inclusion in membership directory**

Your membership supports the profession by helping SIAM to:

- **Increase awareness of the importance of applied and industrial mathematics**
- **Advocate for increased funding for research and education**
- **Support outreach to students**

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SIAM USE ONLY

**Please print**

**Name** \_\_\_\_\_ **Date** \_\_\_\_\_  
First Middle Last Salutation

Employer or school \_\_\_\_\_

Department \_\_\_\_\_

Address  work  home \_\_\_\_\_

City State/Province Zip/postal code Country

Mailing Address for publications (if different from above):  work  home

City State/Province Zip/postal code Country

Telephone (office): \_\_\_\_\_ (home): \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Education (highest degree):

College or University: \_\_\_\_\_

Major: \_\_\_\_\_

Degree earned: \_\_\_\_\_ Year: \_\_\_\_\_

Gender:  Male  Female Year of birth: \_\_\_\_\_

Are you a full-time student?  Yes  No

Type of Employer (check one):

- Academia  Laboratory
- Government  Other
- Industry/Business\*\* *\*\*Please select industry type on reverse.*

Primary Type of Work (check one):

- Administration/Management  Research
- Consulting  Retired/Emeritus
- Engineering  Teaching
- Product/Service Development  Other

How did you hear about SIAM?

- conference  email  flyer  mail  referred by colleague or teacher
- search engine  SIAM publication  student chapter  web  other

Primary Professional Interests: Select on reverse side.

CML Listing: I authorize my telephone number and e-mail address to be listed in the Combined Membership List of AMS, AMATYC, AWM, CMS/SMC, MOS, and SIAM:  Yes  No

The election ballot will be sent via e-mail unless otherwise noted:  please send via postal mail

For those participating in Member-Get-a-Member campaign (optional):

Referring member name: \_\_\_\_\_

Referring member e-mail: \_\_\_\_\_

**Membership Type (Please select ONE)**

**REGULAR MEMBER** \$154.00

Available to professionals interested in the field of mathematics.

**EARLY CAREER MEMBER**

Available for the first five consecutive years after attaining highest degree.

First, second, and third years after graduation \$77.00

Fourth and fifth years after graduation \$115.00

**RECIPROCAL MEMBER**

Available to individuals who belong to a society with which SIAM has a reciprocity agreement.

Indicate the reciprocal society to which you belong on reverse and indicate group below.

Group 1 \$107.80

Group 2 or Group 3 \$123.20

**OUTREACH MEMBER** \$15.00

Available for those who reside in developing countries.

For a list of eligible countries go to [www.siam.org/membership/outreach.php](http://www.siam.org/membership/outreach.php).

Outreach members are not eligible for journal subscriptions at member rates.

**LIFETIME MEMBER**

(65 minus \_\_\_\_\_ your age today = \_\_\_\_\_) x \$154 = (minimum \$770) \$ \_\_\_\_\_

\_\_\_\_\_ SIAG(s) x \$15 x \_\_\_\_\_ years = (minimum \$75 per SIAG) \$ \_\_\_\_\_

**STUDENT MEMBER: STUDENTS MUST COMPLETE THIS SECTION**

To qualify for student discounts or free student membership, you must be a full-time student and complete the following certification. **All students are eligible for two FREE SIAGs** (indicate choices on reverse.)

Current college or university \_\_\_\_\_

Department \_\_\_\_\_

Major \_\_\_\_\_

Degree currently working toward \_\_\_\_\_

Anticipated date degree completed (month/day/year) \_\_\_\_\_

**Student Member** \$25

Available to any full-time student enrolled in any college or university.

**Free Student Member** FREE

*Includes SIAM Review in electronic format only. No voting privileges.*

I am a Master's or Ph.D. candidate attending a SIAM Academic Member institution (see list at [www.siam.org/membership/academic/academic\\_members.php](http://www.siam.org/membership/academic/academic_members.php)).

I am a member of a SIAM Student Chapter.  
 Chapter name: \_\_\_\_\_

I certify that the above statements are correct and that I am a full-time student:

SIGNATURE \_\_\_\_\_

**Payment Amount (all rates are in US dollars)**

Total due for membership type selected above: \$ \_\_\_\_\_

Add in journal subscription subtotal from reverse side: \$ \_\_\_\_\_

Add in Activity Group (SIAG) subtotal from reverse side: \$ \_\_\_\_\_

Optional donation to the Student Travel Fund: \$ \_\_\_\_\_

**My total payment amount is: \$ \_\_\_\_\_**

**Payment Method**

Please enclose check or money order in US dollars made payable to SIAM with this application and mail to the address listed below. SIAM will also accept payment by credit card.

- American Express  VISA  MasterCard  Discover

Account number: \_\_\_\_\_

Name on card: \_\_\_\_\_

Expiration date: \_\_\_\_\_

For other payment options including wire transfer and Western Union, contact [membership@siam.org](mailto:membership@siam.org).

**Applicant's Signature**

I verify that all the statements made on this application are true. This application cannot be processed without a signature.

Signature: \_\_\_\_\_

For further information, please contact SIAM Customer Services:

+1-215-382-9800 (worldwide) • Toll-free (USA and Canada): 1-800-447-SIAM

Fax: +1-215-386-7999 • [membership@siam.org](mailto:membership@siam.org) • [www.siam.org](http://www.siam.org)