



**SOCIETY for INDUSTRIAL and APPLIED MATHEMATICS**

**18-Month Outreach Membership Application**  
**July 1, 2008—December 31, 2009**

This application is valid only for individuals living in the developing countries listed below. This class of membership is for residents of these countries who cannot afford full membership dues.

SIAM USE ONLY

**JOIN NOW!**  
**Special 18-month application**

Please print or type

Name	First	Initial	Last
Mailing Address 1			
Mailing Address 2			
City / State / Zip or postal code	/	/	
Country / E-mail Address		/	
Business Phone / Fax		/	
Employer / Institution			
Department			
City / State			

Phone and E-mail Listing in Combined Membership List

I hereby authorize my telephone number and e-mail address to be listed in the Combined Membership List of AMS, AMATYC, AWM, MAA, and SIAM. Yes \_\_\_ No \_\_\_ Signature \_\_\_\_\_

<b>Type of Employer or School</b> <i>check one</i>	<b>Type of Work</b> <i>check one</i>	<b>Salutation</b>	<b>How did you hear about SIAM?</b> <i>check one</i>
<input type="checkbox"/> University	<input type="checkbox"/> Administration/Mgmt.	<input type="checkbox"/> Dr.	<input type="checkbox"/> conference <input type="checkbox"/> colleague
<input type="checkbox"/> College (4-year)	<input type="checkbox"/> Consulting	<input type="checkbox"/> Mr.	<input type="checkbox"/> e-mail <input type="checkbox"/> mail
<input type="checkbox"/> College (2-year)	<input type="checkbox"/> Development	<input type="checkbox"/> Ms.	<input type="checkbox"/> search engine <input type="checkbox"/> flyer
<input type="checkbox"/> Technical Institute	<input type="checkbox"/> Engineering	<input type="checkbox"/> Professor	<input type="checkbox"/> SIAM publication <input type="checkbox"/> teacher
<input type="checkbox"/> Consulting	<input type="checkbox"/> Research	<input type="checkbox"/> Other _____	<input type="checkbox"/> student chapter <input type="checkbox"/> other
<input type="checkbox"/> Government	<input type="checkbox"/> Teaching		<input type="checkbox"/> web
<input type="checkbox"/> Industry/Corporation	<input type="checkbox"/> Other _____		
<input type="checkbox"/> Nonprofit			
<input type="checkbox"/> Other _____			
<input type="checkbox"/> Male <input type="checkbox"/> Female		Year of birth _____	

Education  
(Highest degree)

Institution	Major / Degree / Year
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List of Developing Economies  
(as of 5/08)

Afghanistan	China	Guinea	Maldives	Paraguay	Sudan
Albania	Colombia	Guinea-Bissau	Mali	Peru	Surinam
Algeria	Comoros	Guyana	Marshall Islands	Philippines	Swaziland
American Samoa	Comoros Islands	Haiti	Mauritania	Poland	Syrian Arab Republic
Angola	Congo, Dem. Rep.	Honduras	Mauritius	Romania	Tajikistan
Argentina	Costa Rica	Hungary	Mayotte	Russian Federation	Tanzania
Armenia	Côte d'Ivoire	India	Mexico	Rwanda	Temor-Leste
Azerbaijan	Croatia	Indonesia	Micronesia, Fed. Sts.	Samoa	Thailand
Bangladesh	Cuba	Iran, Islamic Rep.	Moldova	Sao Tome & Principe	Togo
Belarus	Djibouti	Iraq	Mongolia	Saint Kitts	Tonga
Belize	Dominica	Jamaica	Montenegro	Saint Lucia	Tunisia
Benin	Dominican Republic	Jordan	Morocco	Saint Vincent	Turkey
Bhutan	Ecuador	Kazakhstan	Mozambique	Saudi Arabia	Turkmenistan
Bolivia	Egypt, Arab Rep.	Kenya	Nepal	Senegal	Ukraine
Bosnia-Herzegovina	El Salvador	Kiribati	Nicaragua	Seychelles	Uruguay
Botswana	Equatorial Guinea	Korea, Dem. Rep.	Niger	Sierra Leone	Uzbekistan
Brazil	Eritrea	Kyrgyz Republic	Nigeria	Slovak Republic	Vanuatu
Bulgaria	Ethiopia	Lao PDR	Northern Mariana Islands	Somalia	Venezuela, RB
Burkina Faso	Fiji Islands	Latvia	Oman	Solomon Islands	West Bank and Gaza
Burundi	Gabon	Lebanon	Pakistan	South Africa	Yemen, Rep.
Cambodia	Gambia, The	Lesotho	Palau	Sri-Lanka	Zambia
Cameroon	Georgia	Liberia	Panama	St. Kitts and Nevis	Zimbabwe
Cape Verde	Ghana	Libya	Papua New Guinea	St. Vincent and the Grenadines	
Central African Republic	Grenada	Lithuania			
Chad	Guatemala	Macedonia, FYR			
Chile		Madagascar			
		Malawi			
		Malaysia			

Please complete reverse

**Primary Professional Interests**  
(CIRCLE up to 3)

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

**Society Memberships**  
(Check all that apply)

- ACM     AIAA     AMS     APS     ASA     ASME     AWM     CAIMS/SCMAI     GAMM     IEEE     IEEE/CS  
 IMA     IMS     INFORMS     KWG     MAA     MPS     SEMA     SIMAI     SMAI     SMB     SPIE     Other

**Membership Benefits**

Dues cover the period July 1, 2008 through December 31, 2009. Members will receive all issues of *SIAM News* and electronic-only access to *SIAM Review* (1997–Present). Members can join any of the SIAM Activity Groups at \$15 per group. Members are entitled to at least 30% off list prices on SIAM books, and receive discounted registration at SIAM sponsored meetings. No additional journal subscriptions at membership rates are available as part of this membership. In order to be eligible for additional journal subscriptions at membership rates, you must join as a regular individual member at the current rate for that membership.



**Fees**

**Compute payment for membership as follows:**  
 Dues (Outreach Members): \$15  
 Dues (Activity Groups): \$15 per group checked below:

<input type="checkbox"/> Analysis of PDEs	<input type="checkbox"/> Computational Science & Engineering	<input type="checkbox"/> Control and Systems Theory	<input type="checkbox"/> Discrete Mathematics
<input type="checkbox"/> Dynamical Systems	<input type="checkbox"/> Financial Math & Engineering	<input type="checkbox"/> Geometric Design	<input type="checkbox"/> Geosciences
<input type="checkbox"/> Imaging Science	<input type="checkbox"/> Nonlinear Waves & Coherent Structures	<input type="checkbox"/> Life Sciences	<input type="checkbox"/> Linear Algebra
<input type="checkbox"/> Optimization	<input type="checkbox"/> Supercomputing	<input type="checkbox"/> Orthogonal Polynomials and Special Functions	

TOTAL \$ \_\_\_\_\_

**Application for Membership**

**I apply for Outreach Membership in SIAM:**  
 Signature \_\_\_\_\_

**Payment Method**

**SIAM will accept payment of membership dues and subscription fees by credit card.**

American Express     MasterCard     VISA  
 Credit Card # \_\_\_\_\_ Expiration date \_\_\_\_\_

Check or money order in US dollars made payable to SIAM. Mail with this application to the address below.  
 Wire transfer: Instructions are available by contacting SIAM Customer Service. See below.

**You can also join online (American Express, VISA, or MasterCard payment only).**  
**Go to [my.siam.org/cust\\_serv](http://my.siam.org/cust_serv).**

**Vote Preferred method for voting in SIAM elections:**  electronic     paper ballot

**JOIN ONLINE: [my.siam.org/cust\\_serv](http://my.siam.org/cust_serv)**

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) • 3600 Market Street, 6th Floor, Philadelphia, PA 19104-2688 USA