



**Canadian Applied and Industrial Mathematics Society
Société canadienne de mathématiques appliquées et industrielles**

http://www.caims.ca/
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*** NEW FOR 2010: RENEW YOUR MEMBERSHIP ONLINE AT ***
http://www.caims.ca/ http://www.scm.ai.ca/

Individual Membership Application / Demande d'adhésion individuelle
January 1 – December 31 / Du 1^{er} janvier au 31 décembre
2010

Surname Nom de famille	Given Name Prénom	Middle Initial Initiale
Department Département	Institution Name Nom de l'institution	

If your information has not changed since last year, check the box and leave the lines below blank.

Si vos coordonnées restent inchangées par rapport à l'année dernière, cochez ici et laissez vierges les lignes ci-dessous.

Street Rue			
City Ville	Province	Postal Code Code postal	Country Pays
Telephone Téléphone		E-Mail Courriel	
Fax Télécopieur		Homepage Page personnelle	
Position Poste	Title Titre	<input type="checkbox"/> Dr. <input type="checkbox"/> Prof. <input type="checkbox"/> Mr. <input type="checkbox"/> Ms. <input type="checkbox"/> M. <input type="checkbox"/> Mme <input type="checkbox"/> Other	
Research and/or Professional Interests (See the list of codes on reverse. Include up to three.) Intérêts professionnels et/ou de recherche (Veuillez trouver la liste des codes au verso. N'en inscrivez ici qu'un maximum de trois.)			

I wish to *renew* *apply for* a membership in the Canadian Applied and Industrial Mathematics Society.

J'aimerais *renouveler mon inscription* *faire une demande d'adhésion* à la Société canadienne de mathématiques appliquées et industrielles.

- \$800.00 Lifetime Membership
- \$240.00 Retired Lifetime Membership
- \$60.00 Regular Membership
- \$20.00 Student/Retired/Unemployed
- \$42.00 non-Canadian SIAM/SMAI members*
- \$40.00 non-Canadian GAMM members*

- | | |
|--------------------------|---|
| <input type="checkbox"/> | 800.00 \$ adhésion à vie |
| <input type="checkbox"/> | 240.00 \$ adhésion à vie pour les membres à la retraite |
| <input type="checkbox"/> | 60.00 \$ adhésion régulière |
| <input type="checkbox"/> | 20.00 \$ adhésion pour étudiant/retraité/personne sans emploi |
| <input type="checkbox"/> | 42.00 \$ membre non-canadien de la SIAM ou de la SMAI* |
| <input type="checkbox"/> | 40.00 \$ membre non-canadien du GAMM* |

Membership includes a free electronic subscription to the *Canadian Applied Mathematics Quarterly (CAMQ)*.[†]

L'adhésion inclut un abonnement électronique gratuit à la revue *Canadian Applied Mathematics Quarterly (CAMQ)*.[†]

See reverse for payment information.

Veuillez trouver la description des modalités de paiement au verso.

* For regular members of SIAM, SMAI or GAMM with primary employment outside Canada.

* Pour les membres réguliers de la SIAM, de la SMAI ou du GAMM travaillant à l'extérieur du Canada.

[†] For more information on the electronic subscription, please refer to the back of the application form.

[†] Pour plus d'informations sur l'abonnement électronique, veuillez vous référer au verso de la demande d'adhésion.



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Card No. No. de la carte de crédit
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Dr. Paul Muir, Treasurer, CAIMS/SCMAI
Dept. of Mathematics & Computing Science, St. Mary's University
Halifax, NS B3H 3C3 CANADA

Research and/or Professional Interests / Intérêts professionnels et/ou de recherche

- 01 Linear algebra and matrix theory
- 02 Real and complex analysis including approximation theory, integral transforms (including Fourier series and wavelets), integral equations, asymptotic methods, and special functions
- 03 Ordinary differential equations including dynamical systems
- 04 Partial differential equations including inverse problems
- 05 Discrete mathematics and graph theory including combinatorics, combinatorial optimization, and networks
- 06 Numerical analysis (theory)
- 07 Computational mathematics including scientific computing, parallel computing, and algorithm development
- 08 Computer science including computer architecture, computer hardware, computational complexity, applied logic, database, symbolic computation
- 09 Applied probability including stochastic processes, queueing theory, and signal processing
- 10 Statistics including data analysis and time series analysis
- 11 Control and systems theory including optimal control
- 12 Optimization theory and mathematical programming including discrete and numerical optimization and linear and non-linear programming
- 13 Communication theory including information theory and coding theory
- 14 Applied geometry including computer-aided design and related robotics
- 15 Image processing including computer graphics, computer vision, related robotics, and tomography
- 16 Classical mechanics of solids including elasticity, structures and vibrations, and constitutive models
- 17 Fluid mechanics including turbulence, aeronautics, and multiphase flow
- 18 Quantum physics, statistical mechanics, and relativity
- 19 Geophysical sciences including reservoir modeling, seismic exploration, and petroleum engineering
- 20 Atmospheric and oceanographic sciences
- 21 Chemical kinetics, combustion theory, thermodynamics, and heat transfer
- 22 Biological sciences including biophysics, biomedical engineering, and biomathematics
- 23 Environmental sciences
- 24 Economics
- 25 Social sciences
- 26 Functional analysis and operator equations, and integral and functional equations
- 27 Management sciences including operations research
- 28 Applied mathematics education (K-12, undergraduate curriculum, graduate study and modeling courses)
- 29 Astronomy, planetary sciences, and optics
- 30 Simulation and modeling
- 31 Materials science, polymer physics, and structure of matter
- 32 Electromagnetic theory, semiconductors, and circuit analysis
- 99 Other