

PIMS PERSONNEL

PIMS Management

Board of Directors

The Board of Directors has final responsibility for all aspects of the PIMS' operation. In particular, the Board ensures fiscal accountability, monitors the operation of the PIMS, and advises the Executive Committee.



Hugh Morris

Chair of the Board:

Dr. Hugh Morris holds a Ph.D. in Mining Geology from the University of Witwatersrand, Johannesburg, South Africa and has 44 years of experience in the mineral industry. He is a fellow of the Royal Society of Canada and is Chair of the Society's Canadian Global Change Programme.

From 1962 to 1979 he held a series of positions with Cominco Ltd. in its Exploration and Mining Departments in several Canadian locations, eventually becoming Director of Exploration for its worldwide activities. In 1979 Dr. Morris became associated with the E & B-Geomex Group of affiliated companies in Calgary, initially as President and Chief Operating Officer of Geomex Minerals Ltd., and in 1981, as President and Chief Executive Officer of E & B Canada Resources Ltd. Following the merger of the E & B-Geomex Group and Imperial Metals Corporation of Vancouver in May 1983, he was appointed Chairman and Chief Executive Officer of Imperial Metals and of three public companies within the Imperial Metals Group. He resigned from these positions in February 1993 to pursue other interests. Currently, he is a mineral industry consultant and board member of six Canadian public companies.

Dr. Morris has demonstrated special interest in national and international scientific and professional associations. He is a member of NSERC's Council, a member of the Standing Finance committee of ICSU, and Chair-

man of the Board of Directors of the Lithoprobe Project. He is past-president of both the Geoscience Council of Canada and the Geological Association of Canada, and was also Treasurer of the Canadian Geological Foundation from 1987 to 1996. He is a member of the Geological Society of London, the Institute of Mining and Metallurgy, UK, the Canadian Institute of Mining and Metallurgy, the Association of Professional Engineers of BC and a number of other scientific and professional associations.

Dr. Michael Boorman received his Ph.D. from University of Nottingham in 1964 and is a professor in the Chemistry Department at the University of Calgary. Currently he is the Dean of Science at the University of Calgary. Dr. Boorman's research activities are in *Inorganic Chemistry* and in *Heterogeneous Catalysis*.



Michael Boorman

Mr. Robert Chase has been a businessman for thirty years. He is a graduate of the University of Manitoba and a Chartered Accountant. From 1979-1994, Mr. Chase was associated with the Westar Group where he was Senior Vice-President, Finance and Chief Financial Officer from 1989-1994. He has been President and Chief Executive Officer of Lexacal Investment Corp. since 1995 and Chief Financial Officer of Biometric Identification from 1999 until it merged with BioScript. In 2000, Mr. Chase became President of Safeguard BioMetric Corp., the predecessor of Devon. Mr. Chase also serves on the board of other public companies.



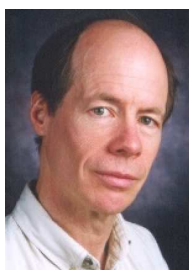
Robert Chase



Bruce Clayman

Dr. Bruce Clayman received his Ph.D. from Cornell University in 1968. He is currently a professor of Physics at Simon Fraser University as well as the Vice-President Research. His past administrative duties include Dean of Graduate Studies, President of the Canadian Association for Graduate Studies and Acting Dean of Science. He is a member of the Sigma Pi Sigma Physics Honour Society. His research interests include superconductors, impurity states in solids, and layered compounds. He has published over 80 papers in refereed journals and refereed conferences.

Dr. James Delgrande is a Professor of Computing Science at Simon Fraser University and he is the Director of the School of Computing Science. He received his Ph.D. from the University of Toronto in 1985. His research is in formal aspects of knowledge representation in artificial intelligence.



James Delgrande



Don Denney

Dr. Don W. Denney received his Ph.D. from the University of Waterloo in 1978 and spent two years as a post-doctoral fellow at the University of Colorado engaged in atmospheric chemistry studies and in developing statistical pattern recognition techniques. He is a Director of PRECARN/IRIS, serving as a Board Chair for 1999/2000.

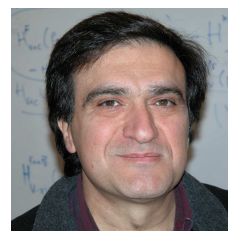
Dr. Denney spent 10 years at Syncrude Research developing On-line Sensors and applying Pattern Recognition techniques to data analysis. He is currently Manager of Advanced Control Alliance at Syncrude Canada Ltd.

Mr. Kenneth Foxcroft served on the board of Directors of Factors Limited, Toronto Dominion Securities (USA) Inc., and of the Ontario Securities Advisory Commission. He has also held the positions of Chairman for Commodity Futures and President for the Forex Association of Canada. Presently, Mr. Foxcroft is the Deputy Chairman & Chief Trading Officer for TD Securities Inc.



Ken Foxcroft

Dr. Nassif Ghoussoub obtained his Doctorat d'état in 1979 from the Université Pierre et Marie Curie in Paris, France and is currently a Professor of Mathematics at the University of British Columbia. His present research interests are in non-linear analysis, optimization and partial differential equations. He was the recipient of the Coxeter-James prize in 1990, of a Killam senior fellowship in 1992 and has been a fellow of the Royal Society of Canada since 1993.



Nassif Ghoussoub

He was chair of NSERC's grant selection committee for mathematics in 1995–1996 and vice-president of the Canadian Mathematical Society from 1994 to 1996. He was Editor-in-Chief of the Canadian Journal of Mathematics from 1993 to 2002 and is currently on the editorial board of various international journals.

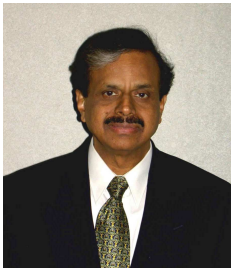
He is the founder Director of PIMS since 1996. He is a founding member of the Board of Directors of MITACS since 1998. He is also the founding Chair of the executive committee of BIRS since 2001.

Dr. Gary Kachanoski has been the Vice-President (Research) and Professor (Department of Renewable Resources) at the University of Alberta since August 2001. From 1996–2001 he was Dean, College of Graduate Studies and Research, and Professor at the University of Saskatchewan. He received



Gary Kachanoski

his B.Sc. (honors Biology 1976) and M.Sc. (Soil Science 1980) from the University of Saskatchewan, and his Ph.D. (Soil Physics 1984) from the University of California, Davis. At the University of Saskatchewan he was also appointed Dean, Virtual College of Biotechnology, a university wide initiative to coordinate teaching and research in the social, ethical, legal, commercial, and science issues related to biotechnology. From 1985 to 1996 Gary was at the University of Guelph, finishing his appointment there as Chair, Department of Land Resource Science, and Director of Research (Environment and Natural Resources) in the Vice-President (Research) Office. At Guelph he had significant involvement in the planning, coordination, and transfer of research and technology to industry, government, user groups, and the general public. He was awarded the Distinguished Faculty Extension and Service Award for his work in this area.



Prabha Kundur

Dr. Prabha Kundur holds a Ph.D. in Electrical Engineering from the University of Toronto and has over 30 years of experience in the electric power industry. He is currently the President and CEO of Powertech Labs Inc., the research and technology subsidiary of BC Hydro. Prior to joining Powertech in 1993, he worked at Ontario Hydro for 25 years and was involved in the planning, design and operation of power systems.

He has served as Adjunct Professor at the University of Toronto since 1979 and at the University of British Columbia since 1994. He is the author of the book *Power System Stability and Control* (McGraw-Hill, 1994), which is the standard modern reference for the subject. He has performed extensive international consulting and has delivered technical courses for utilities and universities around the world.

Dr. Kundur is a Fellow of the Institute of Electrical and Electronic Engineers (IEEE). He is also very active in the Conference Internationale des Grands Reseaux Electriques (CIGRE). He is the recipient of the 1997 IEEE Nikola Tesla Award and the 1999 CIGRE Technical Committee Award.

Dr. Barry McBride has been the Vice-President Academic and Provost of UBC since 1999. He received his Ph.D. from the University of Illinois (Urbana) in 1970. He was the Dean of Science at UBC (1990–1999), Head of the Microbiology Department at UBC (1986–1989) and Head of the Oral Biology Department at UBC (1981–1986). He has consulted with Cominco, Energy Mines and Resources Canada, the National Institute of Health, USA and Ventures West. He is a member of many Professional Committees including the Medical Research Council (where he is also on the Executive Committee), the Standing Committee on Manpower (MRC), Scientific Advisory Council - Alberta Council - Alberta Heritage Foundation for Medical Research, and the Canadian Institute for Advanced Research - Research Advisory Council. His major area of research is in ecology and pathogenesis of the microbial flora of man with specific reference to pathogens of the mouth.



Barry McBride

Dr. Edwin Perkins is Professor of Mathematics at UBC where he was first appointed as a postdoctoral fellow in 1979. He did his undergraduate degree at U. Toronto and obtained his doctoral degree from the U. Illinois. His research interests in probability include the general theory of processes, Brownian motion, stochastic differential equations and partial differential equations, interacting particle systems, measure-valued diffusions and stochastic models in population genetics. He has won numerous awards for his research including the Coxeter-James Lectureship (1986) and G. de B. Robinson Award (1996) (CMS), the Rollo Davidson Prize (1983) (Cambridge) and a Steacie Fellowship (1992–93) (NSERC). He is a Fellow of the Royal Society of Canada and currently sits on the Academy of Science Council. He is presently on the editorial boards of the Canadian J. of Mathematics, the Annals of Applied Probability, the Annales de l'Institut Henri Poincaré, and Probability Theory and Related Fields. He has given several invited lectureships including an invited address at the 1994 International Congress of Mathematicians in Zurich.



Edwin Perkins



Indira Samarasekera

Dr. Indira Samarasekera, Vice President Research UBC, has been a Professor in the Department of Metals and Materials Engineering and the Centre for Metallurgical Process Engineering at UBC since 1980. She obtained a Ph.D. degree at UBC in 1980. Dr. Samarasekera was the first incumbent of the Dofasco Chair in Advanced Steel Processing at UBC and has received the Killam Prize and the McDowell Medal from UBC for research excellence. In 1991 she was awarded an E.W.R. Steacie Fellowship by the Natural Sciences and Engineering Research Council of Canada and the B.C. Science Council Award for New Frontiers in Research in 1997. She is a Fellow of the Royal Society of Canada, of the Canadian Academy of Engineering and of CIMM. In 2002 she was appointed an Officer of the Order of Canada. Dr. Samarasekera currently serves on the Board of Directors of Discovery Parks Inc., The Michael Smith Foundation for Health Research, Genome British Columbia and the Provincial Health Services Authority.



Dennis Salahub

Dr. Dennis R. Salahub assumed the position of Vice-President (Research) at the University of Calgary on July 1, 2002. He was the Director General of the Steacie Institute for Molecular Sciences at the National Research Council of Canada in Ottawa, from 1999 until June, 2002. Prior to this he was a Professor of Chemistry at the Université de Montreal from 1976 to 1999, holding a McConnell Chair from 1990.

A native of Alberta, Dr. Salahub has been interested in theoretical and computational chemistry since his undergraduate days in Edmonton and his doctorate at the Université de Montreal. Following postdoctoral studies at Sussex, Waterloo, Johns Hopkins and the General Electric laboratories in Schenectady, New York, he returned to the Université de Montreal and set up an internationally recognized research program in quantum chemistry, specializing in the development of Density Functional Theory and its applications in materials and biomolecular modeling. He has published some 250 research papers, four edited books and has delivered more than 300 invited lectures on the na-

tional and international scenes.

Dr. Salahub has served the science and innovation communities on a broad front. He was the Program Leader of the Centers of Excellence in Molecular and Interfacial Dynamics (CEMAID) from 1991 to 1994 and a founding member of the Centre de Recherche en Calcul Appliqué (CERCA) in 1991. He has served on NSERC's Grant Selection Committee and twice on the Reallocation Steering Committee for Chemistry (1997, 2001, Chair). He was the lead applicant for an \$18M Canada Foundation for Innovation grant that brought high-performance computing to Quebec in 1998 and was an early proponent of the c3.ca organization which is fostering high-performance computing and networking in Canada. He has been a consultant for industry and the Steacie Institute is currently fostering several incubation and spin-off companies.

At the Steacie Institute, Dr. Salahub shaped research thrusts in nanoscience and technology, bioscience and technology, and optical science and technology, under the banner of the Institute's motto "The fundamental things apply". He contributed to NRC's vision for nanotechnology in Canada and to the founding of the new \$120M National Institute for Nanotechnology in Edmonton, Alberta.

Dr. Salahub has been the recipient of a CNC-IUPAC Award, the Noranda Award of the Canadian Society for Chemistry and a Killam Research Fellowship. In 1998 he was named as a Fellow of the Royal Society of Canada.



Martin Taylor

Dr. Martin Taylor has a BA in Geography from the University of Bristol (UK), and an MA and Ph.D. from UBC. He was appointed at McMaster in 1974. He was Chair of Geography (1991–1997), founding Director of the Institute of Environment and Health (1991–96), and Acting Vice-President Research (1994–95). His research and teaching interests focus on environmental health and health promotion issues. His ongoing projects include research on the psychosocial effects of environmental contamination and on community-based heart health promotion. He has authored one book and over 100 papers in peer-reviewed journals. He moved to UVic in July 1998 to be the University's first Vice-President Research as well as being a full professor in the Geography Department.

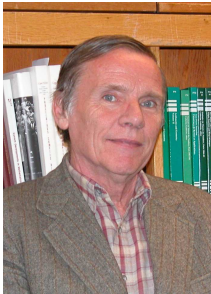
The *Steering Committee* of the Board consists of M. Boorman (Chair), J. Delgrande, N. Ghossoub, G. Kachanoski, E. Perkins and M. Taylor.

Scientific Review Panel

The Scientific Review Panel is responsible for:

- The review and selection of scientific programmes and determination of their funding levels
- The selection of PIMS Distinguished Chairs and *The PIMS Research Prize*.
- Provide advice on longterm scientific planning for PIMS.

Nassif Ghoussoub, Director of PIMS, serves as the chair of the Scientific Review Panel. Members of the Panel include the following people:



David Brillinger

David Brillinger is a researcher in the area of time series, which involves him in the analysis of random processes in the biological and physical sciences. He has made contributions to the theory and application of statistical methods in subject areas including neurophysiology (the analysis of neural spike trains), seismology, and demography. He is the author of *Time Series Analysis: Data Analysis and Theory*, former editor of the *International Statistical Review*, and current President of the Institute of Mathematical Statistics. David Brillinger is a member of the American Academy of Arts and Sciences and is a Fellow of the Royal Society of Canada. He received a D.Sc. degree from the University of Western Ontario in 1999.



David Brydges

David Brydges received the Ph.D. in 1976 at the University of Michigan under the direction of Paul Federbush. He held a postdoctoral position at Rockefeller University working for James Glimm. In 1978 he became Assistant Professor at the University of Virginia. He was promoted to Full Professor of Mathematics and Physics in 1981 and became Commonwealth Chair in 1996. He was recently appointed as a Canada Research Chair at the University of British Columbia.

Brydges received the Alfred P. Sloan Research fellowship in 1982. He has given numerous lectures through-

out the world including courses in the Troisième Cycle at Lausanne in 1992, Centre Emile Borel in 1998 and the NachDiplom program at ETH, Switzerland. He is on the Executive Committee and is the treasurer for the International Association of Mathematical Physics.

His interests are centred on the Renormalization Group in quantum field theory, statistical mechanics and probability, in particular self-avoiding walk.

Randy Goebel is currently professor and chair in the Department of Computing Science at the University of Alberta. He received the B.Sc. (Computer Science), M.Sc. (Computer Science), and Ph.D. (Computer Science) from the Universities of Regina, Alberta, and British Columbia, respectively.



Randy Goebel

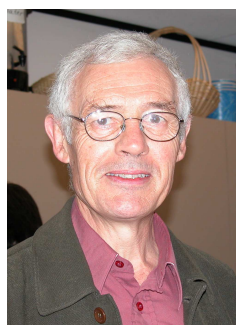
Professor Goebel's research is focused on the theory and application of intelligent systems. His theoretical work on abduction, hypothetical reasoning and belief revision is well known, and his recent application of practical belief revision to scheduling and web mining is now having industrial impact. Randy has previously held faculty appointments at the University of Waterloo and the University of Tokyo, and is actively involved in academic and industrial collaborative research projects in Canada, Australia, Europe and Japan.

Ronald Graham is currently Chief Scientist of AT&T Research. He was President of the American Mathematical Society from 1993–95. His other current obligations include: membership of the Scientific Advisory Committee of the Santa Fe Institute, of the National Research Council, Mathematical Sciences Education Board, and of the Joint Policy Board on Mathematics. He is Treasurer of the National Academy of Sciences (1996–2000). Dr. Graham's academic awards include: Membership in the National Academy of Sciences and Fellowships in the American Academy of Arts & Sciences, the New York Academy of Sciences, and the American Association for the Advancement of Science. He was the Scientist of the Year, World Book Encyclopedia in 1981, and won the Polya Prize in Combinatorics in



Ron Graham

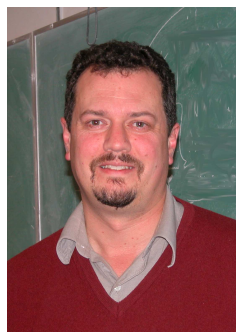
1972, the Carl Allendorfer Award of the Math. Assoc. of America in 1990, a Lester Ford Award of the Math. Assoc. of America, in 1991, and the Euler Medal of the Institute of Combinatorics in 1994. Ron Graham's current mathematical interests include combinatorics, number theory, graph theory, discrete and computational geometry, theoretical computer science, and applications thereof. In all of these areas he has made fundamental contributions. He is also a very gifted juggler.



Robert Moody

Robert V. Moody is Professor of Mathematics at the University of Alberta. He received his Ph.D. from the University of Toronto in 1966 and spent most of his academic career at the University of Saskatchewan before coming to Alberta in 1989. He is best known for the discovery, independently with V. Kac, and subsequent investigations of the Kac-Moody Algebras,

for which he was awarded the 1994–1996 Eugene Wigner Medal jointly with Kac. He has presented both the Coxeter-James Prize Lecture (1978) and the Jeffrey-Williams Prize Lecture (1995) to the Canadian Mathematical Society. He has served nationally on the Scientific Advisory Boards of both the CRM and the Fields Institute, and on the Council of the Academy of Science, Royal Society of Canada.



Ian F. Putnam

Ian F. Putnam received his Ph.D. from the University of California at Berkeley in 1985. He was an NSERC University Research Fellow at Dalhousie University before moving to the University of Victoria where he is currently professor in the Department of Mathematics and Statistics. His research concerns the interactions between topological dynamics and C^* -algebras.

He has received the Israel Halperin Prize and the Andre Aisenstadt prize. He is a Fellow of the Royal Society of Canada.

Bob Russell received the Ph.D. in 1971 at the University of New Mexico under the direction of Lawrence Shampine. In 1971 he became Assistant Professor at Colorado State University and in 1972 he moved to Simon Fraser University. He was promoted to Full Professor in 1981. He has held numerous visiting positions throughout the world, including at Stanford, University of Auckland and Imperial College (as an SERC Fellow).



Bob Russell

Russell's travels include as an Invited Scholar at the USSR and Chinese Academies of Science and as a plenary speaker at SIAM's Dynamical Systems Conference in 2000. His journal editorships have included SIAM Journal on Numerical Analysis and SIAM Journal for Scientific Computing. He is a founding member and past Vice President of CAIMS, has served two terms on NSERC's Grant Selection Committee in Computer Science, is on IMACS Board of Directors, and is a Canadian representative for ICIAM.

His field of research is scientific computing, with special emphasis on the numerical solution of PDEs and ODEs. An interest is in dynamical systems and computational methods which preserve qualitative features of solutions of differential equations. This has recently been in the context of developing mathematical software using adaptive gridding techniques.

Elizabeth Thompson received a B.A. in Mathematics (1970), a Diploma in Mathematical Statistics (1971), and Ph.D. in Statistics (1974), from Cambridge University. In 1974–5 she was a NATO/SRC post-doc in the Department of Genetics, Stanford University. From 1975–



Elizabeth Thompson

81 she was a Fellow of King's College, Cambridge, and from 1981–5 was Fellow and Director of Studies in Mathematics at Newnham College. From 1976–1985 she was a University Lecturer in the Department of Pure Mathematics and Mathematical Statistics, University of Cambridge. She joined the faculty of the University of Washington in December 1985, as a Professor of Statistics. Since 1988, Dr. Thompson has been Professor also of Biostatistics, and since Spring 2000, she is also an Adjunct Professor in Genetics (now Genome Sciences) at the University

of Washington, and an Adjunct Professor of Statistics at North Carolina State University. She served as Chair of the Department of Statistics from 1989–94.

In 1981, she was elected a member of the International Statistical Institute, and in 1988, she was awarded an Sc.D. degree by the University of Cambridge. In 1994, she gave the R.A. Fisher Lecture at the Joint Statistical Meetings in Toronto. In 1996, she gave the Neyman Lecture (IMS) at the Joint Statistical Meetings in Chicago. In 1998, she was elected a Fellow of the American Academy of Arts and Sciences. In 2001, she received the inaugural Jerome Sacks Award for Cross-Disciplinary Research from the National Institute for Statistical Science, and was also awarded the Weldon Prize, an international prize for contributions to Biometric Science awarded by the University of Oxford.

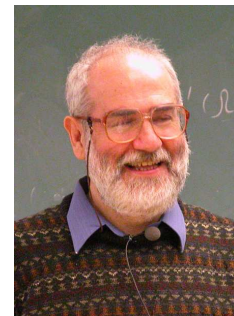
Dr. Thompson's research interest is in the development of methods for inference from genetic data, and particularly from patterns of genome sharing observed among members of large and large and complex pedigree structures, whether of plants, animals, or humans. Questions of interest range from human genetic linkage analysis to gene extinction in highly endangered species, and from inference of relationship to inferences of the genetic basis of traits. Her current focus is on developing research and education in Statistical Genetics at the University of Washington.



Gang Tian

Gang Tian received his Ph.D. from Harvard University in 1988. After positions at Princeton University and the State University of New York at Stony Brook, he went to the Courant Institute of Mathematical Sciences at New York University in 1991 as full professor. He is currently a professor at Massachusetts Institute of Technology. Prof. Tian is a recipient of the Alfred P. Sloan research fellowship (1991–1993). He presented a 45-minute invited address at the International Congress of Mathematicians in Kyoto in 1990 and the Bergmann Memorial Lecture at Stanford University in 1994. The same year, he received the 19th Alan Waterman Award from the National Science Foundation. In 1996, Prof. Tian received the Veblen Prize of the American Mathematical Society.

Gunther Uhlmann received the Ph.D. in 1976 at MIT under the direction of Victor Guillemin. He held postdoctoral positions at Harvard, Courant Institute and MIT. In 1980 he became Assistant Professor at MIT and in 1985 he moved to the University of Washington as an Associate Professor. He was promoted to Full Professor in 1987.

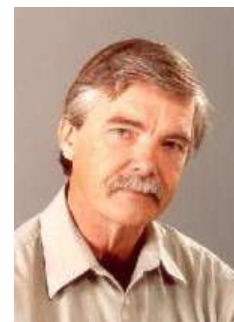


Gunther Uhlmann

Uhlmann was awarded the Annual National Prize of Venezuela in Mathematics in 1982. He received the Alfred P. Sloan Research fellowship in 1984 and a John Simon Guggenheim fellowship in 2001. He has given numerous lectures throughout the world included an invited address at the Portland meeting of the AMS in 1991, the CBMS-NSF lectures on "Inverse Problems and Nondestructive Evaluation" in 1995 and an invited lecture at the International Congress of Mathematicians in Berlin in 1998.

His current interest is inverse problems in particular inverse boundary value problems and inverse scattering problems. In these problems one attempts to determine internal parameters of a medium by making measurements at the boundary of the medium or by remote observations.

Hugh Williams holds the iCORE Chair in Algorithmic Number Theory and Computing at the University of Calgary and is a professor in the Mathematics and Statistics Department at that institution. His main research interests are in computational number theory, cryptography and the design and development of special-purpose hardware devices. His work in computational number theory extends from analyzing the complexity of number theoretic algorithms to the actual implementation and testing of such algorithms.



Hugh Williams

Dr. Williams has published more than 130 refereed journal papers, 20 refereed conference papers and 20 books or (chapters therein). From 1983–85, he held a national Killam Research Fellowship. He has been an associate editor for *Mathematics of Computation* since 1978 and is also a member of the editorial boards of two other journals. Dr. Williams has also served on the Natural Science and Engineering Research Council (NSERC) Grant

Selection Committees for both Computing and Information Science (1972–75) and Pure and Applied Mathematics (1991–94), and chaired the latter from 1993–4. He has also been a member of the Steacie Awards Selection Committee.

Executive Committee

The Executive Committee consists of the Director, the five Site Directors, and other members appointed by the Board as required. The Executive is responsible for the day to day management of the PIMS as delegated by the Board.

Director: Nassif Ghossoub, (UBC, Math)

SFU Site-Dir.: Manfred Trummer (SFU, Math)

UA Site-Dir.: James Muldowney (UA, Math) **UBC**

Site-Dir.: Dale Rolfsen (UBC, Math)

UC Site-Dir.: Gary Margrave (UC, Math)

UVic Site-Dir.: Florin Diacu (UVic, Math)

UW Site-Dir.: S. Paul Smith (UW, Math)

Education and Communication

Education Facilitator: Klaus Hoechsmann (UBC)

Local Committees

The Local Coordinators are indicated by an asterisk.

University of Victoria:

Kelly Choo

David Leeming*

Bill Pfaffenberger

University of BC:

Andrew Adler*

Phillip Loewen

Edwin Perkins

Simon Fraser University:

Malgorzata Dubiel*

Loki Jorgenson

Rina Zaskis

University of Alberta:

Hans Brungs

Ted Lewis*

Andrew Liu

University of Calgary:

Claude Laflamme

Indy Lagu*

National Programme Committee of the Canadian Mathematical Sciences Institutes

The three Canadian Institutes in the Mathematical Sciences CRM, Fields and PIMS have initiated a new programme for the support of joint activities in the mathematical sciences. This programme is administered by a National Programme Committee, which makes recommendations to the Directors of the three institutes.

The 2001/02 committee consisted of:

Chair: Anne Bourlioux (CRM & Universit e de Montr eal)

John Harnad (CRM & Concordia University)

Bradd Hart (Fields Institute & University of Toronto)

Lisa Jeffrey (University of Toronto)

Subhash Lele (University of Alberta)

Niky Kamran (CRM & McGill University)

Dale Rolfsen (PIMS & UBC)

David Sankoff (Universit e de Montr eal)

PIMS Site Personnel

PIMS Main Office

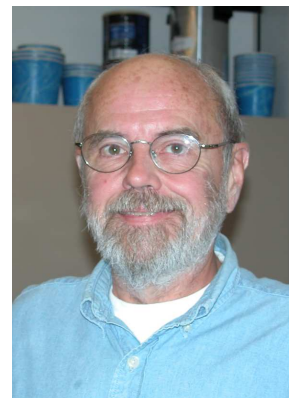
Dr. Nassif Ghoussoub, Director
Dr. Sandy Rutherford, Scientific Executive Officer
Dr. Klaus Hoechsmann, Education Officer
Ms. Andrea Hook, PIMS Administrator
Mr. Derek Bideshi, Programme Coordinator
Ms. Heather Jenkins, Communications Officer
Ms. Fanny Lui, Financial Clerk
Mr. Kelly Choo, Website Administrator
Mr. Shervin Teymouri, Computer Systems Administrator
Ms. Clarina Chan, MITACS Administrator
Ms. Jessica Douglas, BIRS Programme Coordinator



Fanny Lui, Derek Bideshi, Andrea Hook and Clarina Chan (l-r).

PIMS at University of British Columbia

Dr. Dale Rolfsen, Site Director
Dr. Martial Agueh, PDF
Dr. Dominic Brecher, PDF
Dr. R. Fazio, PDF
Dr. Kazuyuki Furuuchi, PDF
Dr. Xavier Granier, PDF
Dr. Yuri Gusev, PDF
Dr. Antal Jarai, PDF
Dr. Luis Lehner, PDF
Dr. Nathaniel Newland, PDF
Dr. Ehud Schreiber, PDF
Dr. Xiang Tao, PDF
Dr. Yuqing Wang, PDF
Dr. Zhenya Yan, PDF
Dr. Ana Granados, MITACS PDF
Dr. Joern Sass, MITACS PDF



Dale Rolfsen,
UBC-PIMS Site
Director,
1997-2002.

PIMS at Simon Fraser University

Dr. Manfred Trummer, Site Director
 Ms. Fuyuko Kitazawa, Administrative Assistant
 Ms. Andrea Kiefner, PIMS/MITACS Receptionist
 Mr. Brent Kearney, Computer Systems Administrator
 Dr. Malgorzata Dubiel, Education Coordinator
 Dr. Nils Bruin, PDF
 Dr. Grace Chiu, PDF
 Dr. Will Galway, PDF
 Dr. Russell Luke, PDF
 Dr. Riste Skrekovski, PDF
 Dr. Janez Ales, MITACS PDF
 Dr. Peter Berg, MITACS PDF
 Dr. Edgardo Cheb-Terrab, MITACS PDF
 Dr. Ronald Ferguson, MITACS PDF
 Dr. Daya Gaur, MITACS PDF
 Dr. Alexander Kononov, MITACS PDF
 Dr. Stefan Langerman, MITACS PDF
 Dr. Snezana Mitrovic-Minic, MITACS PDF
 Dr. Andrew Solomon, MITACS PDF
 Dr. Bettina Speckmann, MITACS PDF
 Dr. Brett Stevens, MITACS PDF

PIMS at University of Alberta

Dr. Jim Muldowney, Site Director
 Ms. Shirley Mitchell, Executive Assistant
 Dr. Ted Lewis, Education Coordinator
 Dr. Wen Chen, PDF
 Dr. Christina Cobbold, PDF
 Dr. Matthias Neufang, PDF
 Dr. Sumati Surya, PDF
 Dr. Chuong Tran, PDF
 Dr. Roman Vershynin, PDF
 Dr. Hongwei Long, Industrial Collaborative Associate



James Muldowney,
 U. Alberta-PIMS
 Site Director,
 2001-02.



Manfred Trummer,
 SFU-PIMS Site
 Director, 2001-02.

PIMS at University of Calgary

Dr. Gary Margrave, Site Director
Ms. Marian Miles, Administrative Assistant
Dr. Indy Lagu, Education Coordinator
Dr. Peter Hoyer, PDF
Dr. Luigi Santocanale, PDF
Dr. Tatjana Stykel, PDF
Dr. Hugh Geiger, MITACS-PDF
Dr. Peter Gibson, MITACS-PDF

Florin Diacu,
U. Victoria-PIMS
Site Director,
1998–2002.



Gary Margrave,
U. Calgary-PIMS
Site Director,
2001–02.

PIMS University of Washington

Dr. S. Paul Smith, Site Director
Ms. Jessica Baird, Administrative Assistant

S. Paul Smith,
U. Washington-
PIMS Site Director,
2002.



PIMS at University of Victoria

Dr. Florin Diacu, Site Director
Ms. Dil Bains, Admin. Assistant
Mrs. Timea Halmai, Admin. Assistant (on leave)
Dr. David Leeming, Education Coordinator
Mr. Kelly Choo, Web Manager
Dr. Vladislav Panferov, PDF
Dr. Inhyeop Yi, PDF
Dr. Joachim Stadel, PDF
Dr. Julien Arino, MITACS PDF

University of Lethbridge

Dr. Jorgen Rasmussen, PDF

PIMS Scientific Personnel

PIMS Distinguished Chairs

PIMS Distinguished Chairs for 2001/02

Vladimir Turaev (CNRS Strasbourg VI)

Site: University of Calgary
July–August, 2001

Gang Tian (MIT)

Site: University of British Columbia
August 2001

Michael Shelly (Courant Institute)

Site: Simon Fraser University
November–December 2001

PIMS Distinguished Chairs for 2002/03

Donald G. Saari (University of California, Irvine)

Site: University of Victoria
September 2002

Klaus Schmidt (University of Vienna and Director,
Erwin Schrödinger Institute)

Site: University of Victoria
November 2002

Gunther Uhlmann (University of Washington)

Site: University of British Columbia
November 2002

See page 62 for more information about the PIMS Distinguished Chairs for 2001/02 and 2002/03.

PIMS PDFs for 2002/03

The review panel for the 2002/03 competition were Michael Lamoureux, (Chair, Math, UC), David Brydges (Math, UBC), Leah Keshet (Math, UBC),

Richard Lockhart (Stats, SFU), Bryant Moodie (Math, UA) and Frank Ruskey (Comp Sci, UVic).

1. **Inhyeop Yi**: Dynamical systems and operator algebras. Supervised by Ian Putnam (UVic).
2. **Vladislav Panferov**: PDEs (kinetic theory). Supervised by Reinhard Illner (UVic).
3. **Kazuyuki Furuuchi**: Theoretical physics (string theory). Supervised by Gordon Semenov (UBC).
4. **Zhenya Yan**: Applied math (soliton theory and nonlinear integral systems). Supervised by George Bluman (UBC).
5. **Xavier Granier**: Computer science (computer graphics). Supervised by Wolfgang Heidrich (UBC).
6. **Ehud Schreiber**: Theoretical physics (quantum field and string theories). Supervised by Moshe Rozali, Mark Van Raamsdonk (UBC).
7. **William Galway**: Computational number theory. Supervised by Jonathan Borwein, Peter Borwein, Imin Chen, Stephen Choi and Petr Lisonek (SFU).
8. **Russell Luke**: Applied math (image processing). Supervised by Jon Borwein (SFU).
9. **Grace Chiu**: Statistics (applications to the life sciences). Supervised by Richard Lockhart and Rick Routledge (SFU).
10. **Riste Skrekovski**: Computer science (graph theory). Supervised by Pavol Hell (SFU).
11. **Wen Chen**: Signal & image processing. Supervised by Bin Han and Rong-Qing Jia (U of A).
12. **Roman Vershynin**: Geometric functional analysis. Supervised by Nicole Tomczak-Jaegermann (U of A).
13. **Christina Cobbold**: Mathematical biology. Supervised by Mark Lewis (U of A).
14. **Chuong Tran**: Applied math (fluid dynamics). Supervised by John Bowman (U of A).
15. **Peter Hoyer**: Algorithmics, data structures, complexity theory and quantum computing. Supervised by Richard Cleve (U of C).
16. **Tatjana Stykel**: Applied math (numerical linear algebra, control theory). Supervised by Peter Lancaster (U of C).