

Canadian Mathematical Society Summer Meeting 2003

University of Alberta, Edmonton: June 14-16, 2003

Public Lecturer:

Robert Moody
(U. of Alberta, Director of the Banff International Research Station)

Plenary Lecturers:

Gerhard Huisken (Albert Einstein Institute, Golm, Germany)
Ingrid Daubechies (Princeton)
James Lepowsky (Rutgers)
Roland Glowinski (Houston)
Dennis Shasha (Courant Institute, NYU)

Prize Lecturers:

Jeffery-Williams Lecture: Ram Murty (Queen's)
Krieger-Nelson Lecture: Leah Keshet (U. British Columbia)

Scientific Director:

Yanping Lin (U. of Alberta), ylin@math.ualberta.ca

Local Arrangements Chair:

Eric Woolgar (U. of Alberta), ewoolgar@math.ualberta.ca

Preliminary Session and Speaker List

Approximation Theory and Applied Harmonic Analysis

Org.: Bin Han (U. of Alberta)
Org.: Rong-Qing Jia (U. of Alberta)

Len Bos (U. of Calgary)
Alex Brudnyi (U. of Calgary)
Hanlin Chen (The Academy of Sciences)
Zeev Ditzian (U. of Alberta)
Serge Dubuc (U. of Montreal)
Jean Pierre Gabardo (McMaster U.)
Kirill Kopotun (U. of Manitoba)
Seng Luan Lee (National U. of Singapore)
Daniel Lemire (National Research Council of Canada)
David J. Leeming (U. of Victoria)
Jean-Marc Lina, (U. of Montreal)
Wei Lin (Zhongshan U.)
Songtao Liu (U. of Alberta)
Angelo B. Mingarelli (Carleton U.)
Qun Mo (U. of Alberta)
Faramarz Samavati (U. of Calgary)
Ambikeshwar Sharma (U. of Alberta)
Ivan Selesnick (Polytechnic U.)
Zuowei Shen (National U. of Singapore)
N. Sivakumar (Texas A & M U, USA)
Qiyu Sun (Vanderbilt U.)
Remi Vaillancourt (U. of Ottawa)
Tony Ware (U. of Calgary)
Shu-Zhang Xu (Agere Company)
Peicai Xuan (Shaoxing College of Arts and Sciences)
Ping Zhou (St. Francis Xavier U.)
Xingwei Zhou (Nankai U.)

Algebraic and Geometric Topology

Org.: George Peschke (U. of Alberta)
Org.: Laura Scull (U. of British Columbia)
Org.: Peter Zvengrowski (U. of Calgary)

Peter Booth (Memorial U.)
Ryan Budney (Rochester)
Eddy Campbell (Queens)
Ralph Cohen (Stanford)
Diarmuid Crowley (Penn State)
James Cruickshank (Galway)
Igor Kriz (Michigan)
Gauance Lewis (Syracuse)
Peter May (Chicago)
Igor Nikolaev (Calgary)
Duane Randall (New Orleans)
Dale Rolfsen (UBC)
Yuly Rudyak (Florida)
Parameswaran Sankaran (Chennai)
Don Stanley (Ottawa)

Physics and Geometry

Org.: Maung Min-Oo (McMaster)
Org.: Eric Woolgar (U. of Alberta)

M.T. Anderson (SUNY Stony Brook)
G.J. Galloway (Miami)
J. Gegenberg (U. of New Brunswick)
C.R. Graham (Washington)
G. Huisken (AEI)
M. Herzlich (Montpellier)
J. Isenberg (Oregon)
D. Page (U. of Alberta)
S. Surya (U. of Alberta)
X. Wang (MIT)

Conformal Field Theory

Org.: T. Gannon (U. of Alberta)
Org.: M. Walton (U. of Lethbridge)

B. Campbell (U. of Alberta)
C. Cummins (Concordia)
T. Gannon (U. of Alberta)
C.S. Lam (McGill)
J. Lepowsky (Rutgers)
P. Mathieu (U. of Laval)
J. Rasmussen (CRM)
G. Tudose (U. of Minnesota)
M. Walton (U. of Lethbridge)

Computational and Analytical Techniques in Modern Applications

Org.: Peter Minev

Pavel Bochev (Sandia National Lab)
John Bowman (U. of Alberta)
Hermann Brunner (Memorial U. of Newfoundland)
Liqun Cao (Chinese Academy of Sciences)
Yanping Chen (Xiangtan U.)
Zhiming Chen (Institute of Computational Mathematics)
Rustum Choksi (Simon Fraser)
Juzhi Cui (Chinese Academy of Sciences)
Graeme Fairweather (Colorado School of Mines)
Frederico C Furtado (U. of Wyoming)
Marina Gavrilova (U. of Calgary)
A. Gumel (U. of Manitoba)
Yunqing Huang (Xiangtan U.)
Sebastien Lacroix (Petroleum Institute of France)
Zi-Cai Li (National Sun Yat-sen U.)
Dong Liang (York U.)
Tao Lin (Virginia Tech)
Bob Russell (Simon Fraser)
Manfred Trummer (Simon Fraser)
Doongwoo Sheen (Seoul National U.)
Erik Van Vleck (Colorado School of Mines)
David J. Wollkind (Washington State U.)
Zhimin Zhang (Wayne State U.)
Jun Zou (City U. Hong Kong)

Real Analysis

Org.: Erik Talvila (U. of Alberta)

J. Coffey (Purdue U. Calumet)
R. Darst (Colorado State)
M. Das (Louisville)
K. Garg (Alberta)
T.Y. Lee (Singapore)
P.A. Loeb (Illinois)
P. Muldowney (Ulster)
P. Mustial (Chicago State)
K. Muthuvel (Wisconsin-Oshkosh)
P. Pierce (Wooster)
R. Svetic (Michigan State)
R. Vallin (Slippery Rock)
S. Wang (Okanagan)
W. Zachary (Howard)

Discrete Mathematics

Org.: Vaclav Linek (U. of Winnipeg)

Jason Brown (Dalhousie University)
Rob Craigen (U. of Manitoba)
James Currie (U. of Winnipeg)
Terry Gannon (U. of Alberta)
David Jackson (U. of Waterloo)
Steve Kirkland (U. of Regina)
Eric Moorehouse (U. of Wyoming)
Hugh Thomas (Fields Institute)
Terry Visentin (U. of Winnipeg)

New and Successful Courses and Programmes in Mathematics

Org.: Ted Lewis, (U. of Alberta)

Dennis Shasha (plenary speaker)
Sharon Friesen (Galileo Education Network Association)
Henryk Kolacz (U. of Alberta)
Indy Lagu (Mount Royal College)
Andy Liu (U. of Alberta)
Mike Long (TIGERS, West Virginia U.)
Bill Ralph (Brock U.)
James Stewart (U. of Toronto)
Stuart Wachowicz (Edmonton Public School Board)

Dynamical Systems

Org.: Michael A. Radin (Rochester Institute of Technology)

Bhagwan Aggarwala (U. of Calgary)
William Basener (Rochester Institute of Technology)
Paul Binding (U. of Calgary)
Bernard Brooks (Rochester Institute of Technology)
Monica Gabriela Cojocar (Queen's U.)
John E. Franke (North Carolina State U.)
Abba Gummel (U. of Manitoba)
Harold M. Hastings (Hofstra U.)
Candace M. Kent (Virginia Commonwealth U.)
Witold Kosmala (Appalachian State U.)
Herbert Kunze (U. of Guelph)
Michael A. Radin (Rochester Institute of Technology)
Christiane Rousseau (U. de Montréal)
Mario Roy (Concordia U.)
Hassan Sedaghat (Virginia Commonwealth U.)
Abdul - Aziz Yakubu (Howard U.)

Design Theory and Coding Theory

Org.: John van Rees (U. of Manitoba)

Clement Lam (Concordia U.)
Vera Pless (U. of Illinois-Chicago)
Ron Mullin (U. of Waterloo and Florida Atlantic U.)
Esther Lamken (California Institute of Technology)
Robert Craigen (U. of Manitoba)
Al Baartmans (Michigan Technological U.)
Hadi Kharaghani (U. of Lethbridge)
Gary Mullen (Penn State U.)
Rolf Rees (Memorial U. of Newfoundland)
Iliya Bluskov (U. of Northern British Columbia)
K. T. Arasu (Wright State U.)
Ben Li (U. of Manitoba)
Ralph Stanton (U. of Manitoba)
Don Kreher (Michigan Technological U.)
Kevin Phelps (Auburn U.)
David Drake (University of Florida)
Frank Bennett (Mount St. Vincent U.)

Infinite Dimensional Dynamical Systems

Org.: Thomas Hillen (U. of Alberta)
Org.: Xiaoqiang Zhao (Memorial U.)

Bjorn Birnir (U. of California Santa Barbara)
Steve Cantrell (Miami)
Yuming Chen (Wilfrid Laurier U.)
Chris Cosner (U. of Miami)
O. Diekmann (U. of Utrecht)
Yihong Du (U. of New England)
Teresa Faria (U. of Lisbon)
Marek Fila (Comenius U.)
K.P. Hadeler (U. of Tuebingen)
Yu Huang (Zhongshan U.)
Yang Kuang (Arizona State U.)
Mark Lewis (U. of Alberta)
Julian Lopez-Gomez (U. Complutense Madrid)
Yuan Lou (Ohio State)
Frithjof Lutscher (U. of Alberta)
Peter Polacik (U. of Minnesota)
Mary Pugh (U. of Toronto)
Shigui Ruan (Miami)
Wenxian Shen (Auburn)
Brian Sleeman (U. of Leeds)
Moxun Tang (Michigan State U.)
Horst Thieme (Arizona State U.)
Jianhong Wu (York U.)
Xiangsheng Xu (Mississippi State U.)
Pietro Zecca (U. degli Studi di Firenze)
Shengfan Zhou (Shanghai U.)
Xingfu Zou (Memorial U. of Newfoundland)

Industrial Mathematics

Org.: Biao Huang, (U. of Alberta)
Org.: Yanping Lin (U. of Alberta)
Org.: Shijie Liu (U. of Alberta)

Liqun Cao (Chinese Academy of Sciences)
Jinwen Chen (NCUT)
Xiaodong Duan (Dalian Nationalities U.)
J. Fraser Forbes (U. of Alberta)
Robert Hayes (U. of Alberta)
Xiqin He (Anshan U. of Technology)
Biao Huang (U. of Alberta)
Huaxiong Huang (York U.)
Shijie Liu (U. of Alberta)
Xiaodong Liu (Dalian Maritime U.)
Yiyong Nie (Shenyang Institute of Automation)
Zbigniew Ring (NCUT)
Edgar Tamayo (Syncrude Canada Ltd.)
Junping Wang (National Sciences Foundation, USA)
Andrew Willis (Syncrude Canada Ltd.)
Jason Zhang (U. of New Brunswick)
Q. L. Zhang (Northeastern U.)



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