

# CMS Winter 2007 Meeting

*December 8-10, Hilton Hotel*

*London, Ontario*

## **Host: University of Western Ontario**

Scientific Director: Dr. J.F. Jardine (Western)

Local Arrangements: Dr. David Riley (Western)

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### **PRIZES**

#### **Coxeter-James Prize**

Vinayak Vatsal University of British Columbia)

#### **Doctoral Prize**

Lap Chi Lau (Chinese University of Hong Kong)

#### **Adrien Pouliot Prize**

Richard Nowakowski (Dalhousie University)

#### **G. de B. Robinson Award**

to be announced

### **PLENARY LECTURERS**

Erich Kaltofen (North Carolina State)

Mikhail Kapranov (Yale)

Giovanni Landi (Trieste)

Blaine Lawson (SUNY/Stony Brook)

Seth Lloyd (MIT)

Otmar Venjakob (Heidelberg)

Marcelo C. Borba (UNESP-São Paulo State University)

### **SESSIONS**

Algebraic Combinatorics, Representations and Geometry

Algebraic Stacks

Algorithmic Challenges in Polynomial and Linear Algebra

Calculus of Variations in Physics, Geometry and Economics

Combinatorics & its Applications to Mathematical Physics

Complex Analytic Geometry

Error Control Codes, Information Theory, Applied Cryptography

Graph Theory

History and Philosophy of Mathematics

Homotopy Theory

Iwasawa Theory

Mathematical Applications of Category Theory

Mathematical Imagination

Mathematics of Finance

Non-Commutative Geometry

Nonlinear Wave Equations and Applications

Quantum Information Theory in Quantum Gravity

Contributed Papers



[www.cms.math.ca/Events/](http://www.cms.math.ca/Events/)