



Donald D. Betts Symposium **September 3 - 4, 2004, Banff, Alberta**

Friday, September 3, 2004

- 8:45 *Opening Remarks*
- 9:00 - 9:40 **Jaán Oitmaa** (University of New South Wales)
Exact Diagonalization Tales
- 9:45 - 10:25 **Leo Kadanoff** (University of Chicago)
Very Recent Developments in Critical Phenomena
- 10:30 - 11:00 *Coffee*
- 11:00 - 11:40 **Mike Plischke** (Simon Fraser University)
Rheological properties of complex fluids and gels
- 11:45 **Keith Taylor** (Dalhousie University)
Tribute to Donald Betts
- 11:50 **Douglas Hunter** (St Francis Xavier University)
Tribute to Donald Betts
- 12:00 - 1:30 *Lunch*
- 1:30 - 2:10 **Leslie Ballentine** (Simon Fraser University)
A Hitchhiker's Guide to Quantum Mechanics: the last 42 years
- 2:10 - 2:30 **Peter Loly** (University of Manitoba)
Magic(al) Squares - the Theoretical Physics Connections
- 2:30 **Dr. Donald Betts**
Reflections
- Coffee*
- 3:30 - 5:00 *Poster/Discussion Session/Wine and Cheese Reception*



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Saturday, September 4, 2004

- 9:00 - 9:40 **Andrzej Czarnecki** (Physics, University of Alberta)
*Phenomena With Many Distance Scales:
from Aerodynamics to Subatomic Physics*
- 9:45 - 10:30 **Alex Brown** (Chemistry, University of Alberta)
Laser-induced Dynamics in Small Molecules: Theory and Applications
- 10:30 - 11:00 *Coffee*
- 11:00 - 11:40 **John Bowman** (Mathematical & Statistical Science, University of Alberta)
Turbulent Cascades
- 11:45 - 12:30 **Barry Sanders** (University of Calgary)
Implementing Quantum Information with Quantum Optics
- 12:30 - 1:30 *Lunch*
- 1:30 - 4:00 *Poster/Discussion Session*
- Departure*



