

This is a preliminary list of scheduled talks for the conference  
(Last change August 7<sup>th</sup>)

# Symplectic Geometry and Moment Maps

August 11<sup>th</sup> – 15<sup>th</sup>, 2003

organized at the Erwin Schrödinger Institute in Vienna.

## Monday, August 11<sup>th</sup>

- 10<sup>00</sup> – 10<sup>50</sup> Lisa Jeffrey (University of Toronto),  
*Representations of fundamental groups of nonorientable 2-manifolds.*
- 11<sup>10</sup> – 12<sup>00</sup> Rebecca Goldin (George Mason University, Fairfax),  
*Distinguishing Chambers of the Moment Polytope.*
- 14<sup>00</sup> – 14<sup>50</sup> Ping Xu (Penn State University),  
*A unified momentum map and Morita equivalence.*
- 15<sup>10</sup> – 16<sup>00</sup> Jiang-Hua Lu (Hong Kong),  
*Poisson structures on complex flag manifolds associated to real forms.*
- 16<sup>30</sup> – 17<sup>20</sup> Pavol Severa (Comenius University, Bratislava),  
*Quantization of twisted Poisson structures.*

## Tuesday, August 12<sup>th</sup>

- 10<sup>00</sup> – 10<sup>50</sup> Paul-Emile Paradan (University of Grenoble),  
*K-multiplicities and moment maps.*
- 11<sup>10</sup> – 12<sup>00</sup> Yael Karshon (University of Toronto),  
*Geometric quantization and  $spin^c$  structures.*
- 14<sup>00</sup> – 14<sup>50</sup> Victor Guillemin (MIT, Cambridge),  
*Signature quantization.*
- 15<sup>10</sup> – 16<sup>00</sup> Eugene Lerman (University of Illinois, Urbana-Champaign),  
*Symplectic toric spaces with isolated singularities.*
- 16<sup>30</sup> – 17<sup>20</sup> Jean-Claude Hausmann (University of Geneva),  
*Involutions with a real core.*

### Wednesday, August 13<sup>th</sup>

- 10<sup>00</sup> – 10<sup>50</sup> Henrique Bursztyn (University of Toronto),  
*Dirac structures and group-valued moment maps.*
- 11<sup>10</sup> – 12<sup>00</sup> Susan Tolman (University of Illinois, Urbana–Champaign),  
*The homology of quasi-Hamiltonian reductions: an index formula.*
- 14<sup>00</sup> – 14<sup>50</sup> Eckhard Meinrenken (University of Toronto),  
*A proof of Witten's formulas for moduli spaces of flat connections.*
- 15<sup>10</sup> – 16<sup>00</sup> Reyer Sjamaar (Cornell University),  
*Quasi-Hamiltonian implosion.*

### Thursday, August 14<sup>th</sup>

- 10<sup>00</sup> – 10<sup>50</sup> Jonathan Weitsman (University of California, Santa Cruz),  
*The Euler Maclaurin formula with remainder for simple polytopes.*
- 11<sup>10</sup> – 12<sup>00</sup> David Metzler (University of Florida, Gainesville),  
*Stacks as generalized spaces.*
- 14<sup>00</sup> – 14<sup>50</sup> Megumi Harada (University of California, Berkeley),  
*Hyperkähler analogues of affine Kähler reductions.*
- 15<sup>10</sup> – 16<sup>00</sup> Tara Holm (University of California, Berkeley),  
*Equivariant CW complexes, cohomology and graphs.*