

Marston Morse Conference on Gauge Theory and Symplectic Theory

Monday, March 29, 1999 (All day) - Thursday, April 1, 1999 (All day)
(March 29 - April 1, 1999)

Marston Morse Conference on Gauge Theory and Symplectic Theory

Princeton University and the School of Mathematics, Institute for Advanced Study will be holding a mini-conference on Gauge Theory and Symplectic Geometry in conjunction with the Marston Morse Memorial Lectures on Monday, Tuesday and Thursday, March 29, 30 and April 1, 1999.

The Lectures will take place in the Simonyi Hall at the Institute in the seminar room on the ground floor, M-101.

Schedule is as follows:

Monday March 29

- 10 a.m. Paul Feehan, Institute for Advanced Study
Non-Abelian Monopoles and the Relation between Donaldson and Seiberg-Witten invariants
- 11 a.m. Jonathan Rosenberg, Princeton University
Counting Curves on Abelian and K3 surfaces and modular forms
- 2 p.m. **Marston Morse Lecture** - Tomasz Mrowka, Massachusetts Institute of Technology
Gauge Theory and Low Dimensional Topology: Past, Present and Future, I
- 3:30 p.m. George Daskalopoulos, Brown University
Character Varieties and Harmonic Maps to Trees

Tuesday March 30

- 10 a.m. Danny Ruberman, Brandeis University
Gauge Theory and Isotopies of Four-Manifolds
- 11 a.m. Andras Stipsicz, University of California
Complex Morse Functions on 4-manifolds
- 2 p.m. **Marston Morse Lecture** - Tomasz Mrowka, Massachusetts

**Thursday
April 1**

Institute of Mathematics and Physics
**Gauge Theory and Low
Dimensional Topology:
Past, Present and Future,
II**

- 3:30 p.m. Zoltan Szabo, Princeton University
**Three Manifold
Invariants and the theta
Divisor**

- 10 a.m. Eleny Ionel, Massachusetts Institute of Technology
**Degeneration Formulas
for Gromov-Witten
Invariants and
Descendant Relations in
 $M_{g,n}$**

- 11 a.m. Yongbin Ruan, University of Wisconsin
**Naturality of Quantum
Cohomology and
Birational Geometry**

- 2 p.m. **Marston Morse Lecture** -
Tomasz Mrowka, Massachusetts
Institute of Technology
**Gauge Theory and Low
Dimensional Topology:
Past, Present and Future,
III**

Conference organizers:

Robert MacPherson, IAS
Peter Ozsvath and Zoltan Szabo, Princeton University

• Conference Information

Although there is no registration fee, because SEATING IS LIMITED BOTH IN THE CONFERENCE ROOM AND IN OUR DINING HALL, we ask that you register no later than 23 March, 1999 if you wish to attend the conference. And, in addition, because our dining room is small, it is important that we know how many extra mouths we will need to feed in order to prepare the food. Please let us know if you plan to eat lunch at the Institute and if so, on which days.

E-mail the requested information to: warfield@math.ias.edu

• Transportation and Housing Information

Information about TRANSPORTATION SERVICES to Princeton

and the location of the Institute can be found by referring to the section [Local Info](#) on our homepage.

A listing of hotels and motels in the Princeton area may be found by referring to the following website:

<http://www.princetonol.com/biz/lodging.shtml>

If you make a reservation at a local hotel, we would suggest that you inquire if they have a non-profit or educational discount rate prior to your confirming the reservation.

Please let us know if you have any questions.

[Carol Warfield](#)

Last changed: 16 March, 1999

terms:

- [conference](#)