

2009 Women and Mathematics Schedule

June 8 - 19, 2009

Monday, June 8

12:00pm - 5:00pm

3:00pm - 4:30pm

3:30pm - 4:00pm

6:00pm

Registration (Fuld Hall Common Room)

Tea (Fuld Hall Common Room)

Tour of Institute campus (meet in Fuld Hall Common Room)

Welcome dinner and orientation (Dining Hall)

Tuesday, June 9

8:00am - 10:30am

8:45am - 9:00am

9:30am - 10:30am

Breakfast (Dining Hall)

Group Photo - Fuld Hall

Beginning Lecture Course (Simonyi Hall Seminar Room)

Irina Mitrea, University of Virginia, "Partial differential equations on surfaces"

Break

10:30am - 10:45am

10:45am - 11:45am

Advanced Lecture Course (Simonyi Hall Seminar Room)

Panagiota Daskalopoulos, Columbia University, "Nonlinear diffusion"

11:55am - 12:30pm

Research Seminar (Simonyi Hall Seminar Room)

Katharine Ott, "The mixed boundary value problem in Lipschitz domains"

12:30pm - 1:30pm

1:30pm - 2:45pm

Lunch (Dining Hall)

Review Session: Beginning Lecture Course (Dilworth Room, Dining Hall)

2:45pm - 4:00pm

Review Session: Advanced Lecture Course (Dilworth Room, Dining Hall)

4:00pm - 4:15pm

5:25pm - 6:25pm

Afternoon Tea (Fuld Hall Common Room)

Women in Science Seminar (Dilworth Room, Dining Hall)

Introductions

6:30pm -

Opening Dinner (Dining Hall)

Wednesday, June 10

8:00am - 10:30am

9:30am - 10:30am

Breakfast (Dining Hall)

Beginning Lecture Course (Simonyi Hall Seminar Room)

Irina Mitrea, University of Virginia, "Partial differential equations on surfaces"

10:30am - 10:45am

Break

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10:45am – 11:45am	Advanced Lecture Course (Simonyi Hall Seminar Room) Panagiota Daskalopoulos, Columbia University, “Nonlinear diffusion”
11:55pm – 12:30pm	Research Seminar (Simonyi Hall Seminar Room) Maria-Cristina Caputo, “Degenerate nonlinear curvature flows”
12:30pm – 1:30pm	Lunch (Dining Hall)
1:30pm – 2:45pm	Review Session: Beginning Lecture Course (Dilworth Room, Dining Hall)
2:45pm – 4:00pm	Review Session: Advanced Lecture Course (Dilworth Room, Dining Hall)
4:00pm – 4:15pm	Afternoon Tea (Fuld Hall Common Room)
5:25pm – 6:25pm	Women in Science Seminar (Dilworth Room, Dining Hall) Deborah Lockhart, NSF "An Introduction to the National Science Foundation and Funding Opportunities"
6:30pm –	Informal dinner (Dilworth Room, Dining Hall)

Thursday, June 11

8:30am – 10:30am	Breakfast (Dining Hall)
9:30am – 10:30am	Beginning Lecture Course (Simonyi Hall Seminar Room) Irina Mitrea, University of Virginia, “Partial differential equations on surfaces”
10:30am – 10:45am	Break
10:45am – 11:45am	Advanced Lecture Course (Simonyi Hall Seminar Room) Panagiota Daskalopoulos, Columbia University, “Nonlinear diffusion”
11:45am – 1:00pm	Lunch (Dining Hall)
1:30pm – 2:45pm	Review Session: Advanced Lecture Course (Dilworth Room, Dining Hall)
2:45pm – 4:00pm	Review Session: Beginning Lecture Course (Dilworth Room, Dining Hall)
4:00pm – 5:20pm	Research Seminar (Dilworth Room, Dining Hall) Tanya Khovanova, “Game set theory”
5:25pm – 6:25pm	Women in Science Seminar (Dilworth Room, Dining Hall) “Why women are not staying in math?” Discussion
6:30pm –	Informal dinner (Dilworth Room, Dining Hall)

Friday, June 12

8:00am – 9:45am	Breakfast (Dining Hall)
9:30am – 10:30am	Beginning Lecture Course (Simonyi Hall Seminar Room) Irina Mitrea, University of Virginia, “Partial differential equations on surfaces”

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10:30am - 10:45am	Break
10:45am - 11:45am	Advanced Lecture Course (Simonyi Hall Seminar Room) Panagiota Daskalopoulos, Columbia University, "Nonlinear diffusion"
11:55am - 12:30pm	Research Seminar (Simonyi Hall Seminar Room) Janna Lierl, "Heat kernel estimates on uniform domains"
12:30pm - 1:30pm	Lunch (Dining Hall)
1:30pm - 2:45pm	Review Session: Advanced Lecture Course (Dilworth Room, Dining Hall)
2:45pm - 4:00pm	Review Session: Beginning Lecture Course (Dilworth Room, Dining Hall)
4:00pm - 4:15pm	Afternoon Tea (Fuld Hall Common Room)
4:20pm - 5:20pm	Colloquium (Simonyi Hall Seminar Room) Fan Chung Graham, University of California, San Diego "The combinatorics of PageRank"
5:25pm - 6:25pm	Women in Science Seminar (Dilworth Room, Dining Hall) Chat with Alice Chang and Fan Chung Graham
6:30pm -	Informal dinner (Dilworth Room, Dining Hall)

Saturday, June 13 and Sunday, June 14

Free days - activities organized by the participants

Monday, June 15

8:00am - 9:30am	Breakfast (Dining Hall)
9:30am - 10:00am	Depart for Princeton University (talks, lunch, campus and art museum tour, and dinner) (Bus departs from front of Fuld Hall no later than 10 am)

Tuesday, June 16

8:00am - 10:30am	Breakfast (Dining Hall)
9:30am - 10:30am	Beginning Lecture Course (Simonyi Hall Seminar Room) Irina Mitrea, University of Virginia, "Partial differential equations on surfaces"
10:00am - 2:00pm	T-shirt Sale, Harry's Bar - Dining Hall
10:30am - 10:45am	Break
10:45am - 11:45am	Advanced Lecture Course (Simonyi Hall Seminar Room) Alice Chang, Princeton University, "PDE in

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11:55am - 12:30pm	conformal geometry” Research Seminar (Simonyi Hall Seminar Room) Lina Wu, “p-Harmonic theory and its geometric applications”
12:30pm - 1:30pm	Lunch (Dining Hall)
1:30pm - 2:45pm	Review Session: Beginning Lecture Course (Dilworth Room, Dining Hall)
2:45pm - 4:00pm	Review Session: Advanced Lecture Course (Dilworth Room, Dining Hall)
4:00pm - 4:15pm	Afternoon Tea (Fuld Hall Common Room)
4:20pm - 5:20pm	Colloquium (Simonyi Hall Seminar Room) Cedric Villani, IAS/ENS “Optimal transport and curvature – from Monge to Riemann”
5:25pm - 6:25pm	Women in Science Seminar (Dilworth Room, Dining Hall) “A Day in the Life” panel discussion
6:30pm -	Informal Dinner (Dilworth Room, Dining Hall)
Wednesday, June 17	
8:00am - 10:30am	Breakfast (Dining Hall)
9:30am - 10:30am	Beginning Lecture Course (Simonyi Hall Seminar Room) Irina Mitrea, University of Virginia, “Partial differential equations on surfaces”
10:30am - 10:45am	Break
10:45am - 11:45am	Advanced Lecture Course (Simonyi Hall Seminar Room) Alice Chang, Princeton University, “PDE in conformal geometry”
11:55pm - 12:30pm	Research Seminar (Simonyi Hall Seminar Room) Zichen Qiu and Ziyi Qiu, “Mathematics, another form of fine art – along with a brief history of mathematics”
12:30pm - 1:30pm	Lunch (Dining Hall)
1:30pm - 2:45pm	Review Session: Beginning Lecture Course (Dilworth Room, Dining Hall)
2:45pm - 4:00pm	Review Session: Advanced Lecture Course (Dilworth Room, Dining Hall)
4:00pm - 4:15pm	Afternoon Tea (Fuld Hall Common Room)
4:20pm - 5:20pm	Research Seminar (Simonyi Hall Seminar Room) Maria del Mar Gonzalez, “Fractional order operators in conformal geometry”
5:25pm - 6:25pm	Women in Science Seminar (Dilworth Room, Dining Hall) Ann Hibner Koblitz, Arizona State University “Women in mathematics – paradoxes and

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6:30pm -

Thursday, June 18

8:30am - 10:30am

9:30am - 10:30am

10:30am - 10:45am

10:45am - 11:45am

11:55am - 12:30pm

12:30pm - 1:30pm

1:30pm - 2:45pm

2:45pm - 4:00pm

4:00pm - 4:15pm

4:20pm - 5:20pm

5:25pm - 6:25pm

6:30pm -

Friday, June 19

8:00am - 10:30am

9:30am - 10:30am

10:30am - 10:45am

10:45am - 11:45am

12:00pm -

ironies"

Informal dinner (Dilworth Room, Dining Hall)

Breakfast (Dining Hall)

Beginning Lecture Course (Simonyi Hall Seminar Room)

Irina Mitrea, University of Virginia, "Partial differential equations on surfaces"

Break

Advanced Lecture Course (Simonyi Hall Seminar Room)

Alice Chang, Princeton University, "PDE in conformal geometry"

Research Seminar (Simonyi Hall Seminar Room) Julie Miker, "The

Payne-Pólya-Weinberger conjecture for a family of spherically symmetric Riemannian manifolds"

Lunch (Dining Hall)

Review Session: Beginning Lecture Course (Dilworth Room, Dining Hall)

Review Session: Advanced Lecture Course (Dilworth Room, Dining Hall)

Afternoon Tea (Fuld Hall Common Room)

Research Seminar (Simonyi Hall Seminar Room)

Eugenia Saorin Gomez, "Brunn-Minkowski inequalities: a geometric way of deriving Poincare-type inequalities"

Women in Science Seminar (Dilworth Room, Dining Hall) "The next step - applying and surviving graduate school and a postdoc position" Discussion

Closing dinner (Birch Garden, Dining Hall)

Breakfast (Dining Hall)

Beginning Lecture Course (Simonyi Hall Seminar Room)

Irina Mitrea, University of Virginia, "Partial differential equations on surfaces"

Break

Advanced Lecture Course (Simonyi Hall Seminar Room)

Alice Chang, Princeton University, "PDE in conformal geometry"

Lunch (Dining Hall)

Close of Program

