

Mini-courses and Conference on Nonlinear Elliptic Equations

Time	Monday (May 13)	Tuesday (May 14)	Wednesday (May 15)	Thursday (May 16)	Friday (May 17)	Saturday (May 18)
8:45 – 9:15	8:45-9:00 Coffee and Tea	Coffee and Tea	Coffee and Tea	Coffee and Tea	Coffee and Tea	Coffee and Tea
	9:00-9:15 Opening Remarks Richard Falk					
9:15 – 10:30	C. Robin Graham	C. Robin Graham	C. Robin Graham	C. Robin Graham	Luis Caffarelli	Luis Caffarelli
10:45 – 12:00	Fanghua Lin	Fanghua Lin	Juncheng Wei	Xavier Cabré	Changyou Wang	Tianling Jin
Lunch 12:00 – 2:00						
2:00 – 3:15	Juncheng Wei	Juncheng Wei	Juncheng Wei	Fanghua Lin	Michael Vogelius	
3:15 – 3:45	Coffee and Tea	Coffee and Tea	Coffee and Tea	Coffee and Tea	Coffee and Tea	
3:45 – 5:00	Juncheng Wei	Juncheng Wei	María del Mar González	Lei Zhang	Eduardo Teixeira	

Remark: First two days (May 13, 14): CoRE Building Lecture Hall; Next four days (May 15-18): Hill Center 705.

Monday, May 13 (CoRE Building Lecture Hall)

- 8:45-9:00am Coffee and Tea
9:00-9:15am Opening Remark by Richard Falk
9:15-10:30am Mini-course by C. Robin Graham
Dirichlet problem on asymptotically hyperbolic manifolds I
10:45-12:00am Mini-course by Fanghua Lin
A couple of problems in the theory of homogenization I
12:00-2:00pm Lunch
2:00-3:15pm Mini-course by Juncheng Wei
Gluing methods and entire solutions of nonlinear field equations I
3:15-3:45pm Coffee and Tea
3:45-5:00pm Mini-course by Juncheng Wei
Gluing methods and entire solutions of nonlinear field equations II

Tuesday, May 14 (CoRE Building Lecture Hall)

- 8:45-9:15am Coffee and Tea
9:15-10:30am Mini-course by C. Robin Graham
Dirichlet problem on asymptotically hyperbolic manifolds II
10:45-12:00am Mini-course by Fanghua Lin
A couple of problems in the theory of homogenization II
12:00-2:00pm Lunch
2:00-3:15pm Mini-course by Juncheng Wei
Gluing methods and entire solutions of nonlinear field equations III
3:15-3:45pm Coffee and Tea
3:45-5:00pm Mini-course by Juncheng Wei
Gluing methods and entire solutions of nonlinear field equations IV

Wednesday, May 15 (Hill Center 705)

- 8:45-9:15am Coffee and Tea
9:15-10:30am Mini-course by C. Robin Graham
Dirichlet problem on asymptotically hyperbolic manifolds III
10:45-12:00am Mini-course by Juncheng Wei
Gluing methods and entire solutions of nonlinear field equations V
12:00-2:00pm Lunch
2:00-3:15pm Mini-course by Juncheng Wei
Gluing methods and entire solutions of nonlinear field equations VI
3:15-3:45pm Coffee and Tea
3:45-5:00pm Special lecture by María del Mar González
The CR fractional Laplacian and the fractional CR Yamabe problem

Thursday, May 16 (Hill Center 705)

- 8:45-9:15am Coffee and Tea
9:15-10:30am Mini-course by C. Robin Graham
Dirichlet problem on asymptotically hyperbolic manifolds IV
10:45-12:00am Special lecture by Xavier Cabré
Sharp isoperimetric inequalities via the ABP method
12:00-2:00pm Lunch
2:00-3:15pm Mini-course by Fanghua Lin
A couple of problems in the theory of homogenization III
3:15-3:45pm Coffee and Tea
3:45-5:00pm Special lecture by Lei Zhang
Blowup solutions to Liouville systems and Toda systems

Friday, May 17 (Hill Center 705)

- 8:45-9:15am Coffee and Tea
9:15-10:30am Mini-course by Luis Caffarelli
The Monge-Ampère equation and some nonlocal variations I
10:45-12:00am Special lecture by Changyou Wang
Global weak solution of the general Ericksen-Leslie system in dimension two
12:00-2:00pm Lunch
2:00-3:15pm Special lecture by Michael Vogelius
Approximate cloaking by mapping
3:15-3:45pm Coffee and Tea
3:45-5:00pm Special lecture by Eduardo Teixeira
Free boundary problems and their geometric regularity theory

Saturday, May 18 (Hill Center 705)

- 8:45-9:15am Coffee and Tea
9:15-10:30am Mini-course by Luis Caffarelli
The Monge-Ampère equation and some nonlocal variations II
10:45-12:00am Special lecture by Tianling Jin
Solutions of some Monge-Ampère equations with degeneracy or singularities

The end