

**Nonlocal PDEs**  
**September 25 – 29, 2017**  
**Schedule**

**Monday, September 25**

- 9:00-9:30 Registration  
9:30-10:30 Xavier Cabre, *Nonlocal minimal cones and surfaces with constant nonlocal mean curvature*  
10:30-11:00 Coffee  
11:00-12:00 Cyril Imbert,  
12:00-14:00 Lunch  
14:00-15:00 Dennis Kriventsov, *Regularity in time for fully nonlinear, nonlocal (and local) parabolic equations*  
15:00-15:30 Coffee  
15:30-16:30 Jean-Michel Roquejoffre,

**Tuesday, September 26**

- 9:30-10:30 Juan Luis Vazquez, *Nonlinear fractional diffusion, from older to recent work*  
10:30-11:00 Coffee  
11:00-12:00 Joaquim Serra,  
12:00-14:00 Lunch  
14:00-15:00 Yannick Sire, *Asymptotic limits for the fractional Allen-Cahn equation and stationary nonlocal minimal surfaces*  
15:00-15:30 Coffee  
15:30-16:30 Jun-cheng Wei,

**Wednesday, September 27 - Clay Research Conference**

- 10:00-11:00 Larry Guth, *Introduction to decoupling*  
11:00-11:30 Coffee  
11:30-12:30 Bertrand Toën, *Algebraic geometry, categories and trace formulas*  
12:30-14:00 Lunch  
14:00-15:00 Ovidiu Savin,  
15:00-15:30 Coffee  
15:30-16:30 Tamar Ziegler,  
16:30-17:30 Presentation of the 2017 Clay Research Awards  
17:30-19:00 Reception in the Mathematical Institute

**Thursday, September 28**

- 9:30-10:30 Moritz Kassmann,  
10:30-11:00 Coffee  
11:00-12:00 Alexis Vasseur,  
12:00-14:00 Lunch  
14:00-15:00 Tianling Jin,  
15:00-15:30 Coffee  
15:30-16:30 Enrico Valdinoci,

## **Friday, September 29**

9:30-10:30 Ovidiu Savin,  
10:30-11:00 Coffee  
11:00-12:00 Maria del Mar González,  
12:00-14:00 Lunch