

Particle Tracking Techniques and Live Cell Imaging
A Southeast Center for Mathematics and Biology (SCMB) Workshop

February 8-9, 2019
Tulane University

Friday, February 8

Breakfast on own (Avenue Cafe, recommended; Small items provided in meeting room)

Stanley Thomas 316

9:00 - 9:25 Welcome and opening thoughts - **Scott McKinley**, Tulane, Mathematics

9:30 - 10:00 **Will Hancock**, Penn State, Biomedical Engineering

10:10 - 10:30 Coffee

10:30 - 11:00 **Megan Valentine**, UC-Santa Barbara, Mechanical Engineering

11:10 - 11:40 **Melike Lakadamyali**, Penn, Cell and Developmental Biology

Gibson Hall 426

12:00 - 1:00 **Lunch and brainstorming**

Gibson Hall 126A

1:20 - 1:50 **Jay Newby**, Alberta, Mathematical and Statistical Sciences

Stanley Thomas 316

2:00 - 2:30 **Yan Yu**, Indiana-Bloomington, Chemistry

2:40 - 3:10 **Bianxiao Cui**, Stanford, Chemistry

3:20 - 3:50 **Veronica Ciocanel**, Mathematical Biosciences Institute

4:00 - 4:45 **Discussion**

4:45 - 5:30 **Poster Session, Wine and Cheese**

7pm - 9pm Workshop Dinner at **Cochon** (meet at the restaurant)

<https://cochonrestaurant.com/>

Saturday, February 9

Gibson Hall 414

9:00 - 9:30 **Greg Forest**, UNC-Chapel Hill, Mathematics and Biomedical Engineering

9:40 - 10:10 **Jie Xiao**, Johns Hopkins, School of Medicine

10:20 - 10:45 Coffee

10:45 - 11:15 **John Fricks**, Arizona State, School of Mathematical and Statistical Sciences

11:30 - noon **Concluding discussion, led by Christine Payne and Scott McKinley**