

Monday, June 8th

- 9 :30 – 10 :30 : **Plamen Stefanov** (Purdue University)
The geodesic ray transform on Riemannian surfaces with conjugate points
- 10 :30 – 11 :00 : Coffee, tea break
- 11 :00 – 12 :00 : **Haomin Wen** (University of Pennsylvania)
Lens rigidity and scattering rigidity in two dimensions
- 12 :00 – 14 :00 : Lunch
- 14 :00 – 15 :00 : **Gabriel Paternain** (University of Cambridge)
Recovering a connection from parallel transport along geodesics
- 15 :00 – 16 :00 : **Sean Holman** (University of Manchester)
On the stability of the geodesic ray transform
- 16 :00 – 16 :30 : Coffee, tea break
- 16 :30 – 17 :30 : **Francis Chung** (University of Michigan)
Inverse Problems for the Hodge Laplacian

Tuesday, June 9th

- 9 :00 – 10 :00 : **Sergei Ivanov** (Steklov Institute of Mathematics at St.Petersburg)
Perturbations of boundary distance functions and scattering maps
- 10 :00 – 10 :30 : Coffee, tea break
- 10 :30 – 11 :30 : **François Monard** (University of Washington)
- 11 :30 – 12 :30 : **Hanming Zhou** (University of Washington)
Invariant distributions and tensor tomography for Gaussian thermostats
- 12 :30 – 14 :30 : Lunch
- 14 :30 – 15 :30 : **Gunther Uhlmann** (University of Washington)
Boundary Rigidity and Lens Rigidity : Progress and Challenges
- 15 :30 – 16 :00 : Coffee, tea break
- 16 :00 – 17 :00 : **Joonas Ilmavirta** (University of Jyväskylä)
Radon transforms on groups

Wednesday, June 10th

- 9 :00 – 10 :00 : **Vladimir Sharafutdinov** (Novosibirsk State University)
Killing tensor fields on the 2-torus
- 10 :00 – 10 :30 : Coffee, tea break
- 10 :30 – 11 :30 : **Lauri Oksanen** (University College London)
The X-ray transform restricted on light rays and cosmic microwave background

11 :30 – 12 :30 : **Yang Yang** (Purdue University)

A Traveltime Inverse Problem in Spacetime

12 :30 – 14 :30 : Lunch

14 :30 – 15 :30 : **Jan Boman** (Stockholm University)

Tomographic region-of-interest reconstruction from incomplete data

15 :30 – 16 :00 : Coffee, tea break

16 :00 – 17 :00 : **Hai Zhang** (École Normale Supérieure)

Stability of recovering wave-speed from boundary measurements

Thursday, June 11th

9 :00 – 10 :00 : **Simon Gindikin** (Rutgers University)

Spectral decomposition of some ultrahyperbolic equations

10 :00 – 10 :30 : Coffee, tea break

10 :30 – 11 :30 : **Linh Nguyen** (University of Idaho)

On the streak artifacts in limited angle computed X-ray tomography

11 :30 – 12 :30 : **Katya Krupchyk** (University of California, Irvine)

L^p bounds on eigenfunctions for operators with double characteristics

12 :30 – 14 :30 : Lunch

14 :30 – 15 :30 : **Raluca Felea** (Rochester Institute of Technology)

Fourier Integral Operators with cusp singularities

15 :30 – 16 :00 : Coffee, tea break

Friday, June 12th

9 :00 – 10 :00 : **Maciej Zworski** (University of California, Berkeley)

Heat traces and inverse problems for resonances

10 :00 – 10 :30 : Coffee, tea break

10 :30 – 11 :30 : **Daniel Faraco** (Universidad Autónoma de Madrid)

Obstruction to the existence of Limiting Carleman Weights