

**First Conference
Workshop**Saturday March 10,
2018

All talks in Krieger 205

10:00-10:50

Kengo Hirachi
Univ. of Tokyo[Integral invariants on CR manifolds](#)

11:15-12:10

Robin Graham
Univ. of Washington[Conformal Submanifold Geometry via Holography](#)

2:30-3:20

Yanir Rubinstein
Maryland[Real/complex Legendre/interpolation](#)

3:45-4:35

Steve Zelditch
Northwestern[Interface asymptotics of Bergman kernels](#)

Sunday March 11, 2018

All talks in Krieger 205

10:00-10:50

Zhiqin Lu
UC Irvine[Hearing the shape of a trapezoid by its Laplacian spectrum](#)

11:15-12:10

Alice Chang
Princeton[Study of the \$\sigma_2\$ functional on 4-manifolds](#)**Second Conference
Workshop**

Saturday Mar 31, 2018

All talks in Krieger 205

10:00-10:50

Yoshio Tsutsumi
Kyoto[Localization estimate of solution for the 2D damped and forced Zakharov-Kuznetsov equation](#)

11:00-11:50

Jacob Bedrossian
Maryland[Landau damping and nonlinear echoes](#)

12:00-12:50

Pierre Germain
NYU[Long time Strichartz estimates on tori](#)

2:00-2:50

Svetlana Roudenko George
Washington[Existence of blow-up solutions in KdV-type equations](#)

3:00-3:50

Benjamin Harrop-Griffiths
NYU[Degenerate dispersive equations](#)

4:00-4:50	Alex Ionescu Princeton	On the global regularity of the Einstein-Klein-Gordon coupled system
First Lecture Series		All talks in Shaffer 302
Wednesday March 7, 2018 4:00-5:30pm	Kengo Hirachi Univ. of Tokyo	Q and Q-prime curvature in conformal and CR geometry
Thursday March 8, 2018 4:00-5:30pm	Kengo Hirachi Univ. of Tokyo	Q and Q-prime curvature in conformal and CR geometry
Friday March 9, 2018 4:00-5:30pm	Kengo Hirachi Univ. of Tokyo	Q and Q-prime curvature in conformal and CR geometry
Second Lecture Series	Abstract of second lecture series	Note: room info below
Wednesday March 28, 2018 4:30-6:00 Shaffer 302	Yoshio Tsutsumi Kyoto	Well-posedness and smoothing effect for nonlinear dispersive equations
Thursday March 29, 2018 4:30-6:00 Shaffer 302	Yoshio Tsutsumi Kyoto	Well-posedness and smoothing effect for nonlinear dispersive equations
Friday March 30, 2018 4:30-6:00 Maryland 109	Yoshio Tsutsumi Kyoto	Well-posedness and smoothing effect for nonlinear dispersive equations
Tuesday April 3, 2018 4:30-6:00 Shaffer 302	Yoshio Tsutsumi Kyoto	Well-posedness and smoothing effect for nonlinear dispersive equations

Wednesday
April 4, 2018
4:30-6:00
Shaffer 302

Yoshio Tsutsumi
Kyoto

[Well-posedness and smoothing effect for
nonlinear dispersive equations](#)