

Conference in Complex Geometry and Several Complex Variables

March 9 – 11, 2018
University of Notre Dame

SCHEDULE

*Registration and talks on March 9 will be held in the Morris Inn Private Dining Room.

*Talks on March 10 and 11 will be held in Room 127 Hayes-Healy Hall (breaks held in 257 Hurley Hall)

Friday, March 9, 2018 (Morris Inn Private Dining Room)

- 9:00AM Registration
9:55AM Opening Remarks by Jeff Diller, Notre Dame Department of Mathematics Chair
10:00 AM Dan Burns: *"Kobayashi disks and twistors"*
11:00 AM Break
11:20 AM Min Ru: *"Holomorphic curves into projective varieties intersecting general divisors"*
12:20 PM Lunch
2:00 PM Dan Coman: *"Equidistribution and universality results for sequences of line bundles on compact Kaehler spaces"*
3:00PM Anne-Katrin Gallagher: *"On the dimension of the Bergman space on some unbounded domains"*
3:30PM Break
3:50PM Andrew Zimmer: *"The automorphism group and limit set of a bounded domain"*
4:30PM Ming Xiao: *"Rigidity of volume-preserving maps between Hermitian symmetric spaces"*

Saturday, March 10, 2018 (Hayes-Healy 127)

- 8:30AM Registration
9:00AM Christine Laurent-Thiebaud: *"About the Dolbeault cohomology with prescribed support"*
10:00AM Break
10:20AM Peter Ebenfelt: *"The obstruction function on strictly pseudoconvex hypersurfaces in \mathbb{C}^2 "*
11:20PM Break
11:30AM Eleonora Di Nezza: *"Log-concavity of the volume of positive currents"*
12:30PM Lunch
2:00PM Purvi Gupta: *"Polynomially convex embeddings of compact real manifolds"*
2:40PM Tristan Collins: *"The Inverse Monge-Ampère flow"*
3:10PM Break
3:30PM Liz Vivas: *"Towards a topological classification of parabolic skew-product maps"*
4:10PM Phil Harrington: *"The Diederich-Fornaess Index and Global Regularity"*

Banquet for Registered Participants

6:00-8:00, Morris Inn Salon B and C

Sunday, March 11, 2018

- 9:00AM Paul Yang: *"CR invariant energy for surfaces and curves in the standard 3-sphere"*
10:00 AM Siqi Fu: *"Asymptotic spectral behavior of the $\bar{\partial}$ -Neumann Laplacian"*
11:00 AM Break
11:10AM László Lempert: *"On the geometry of the space of Kähler metrics"*