

International Conference in Nevanlinna Theory and Complex Geometry

March 14 - 18, 2012

University of Notre Dame

SCHEDULE

(revised 3-8-12)

All Talks held in 127 Hayes-Healy Hall
Breaks and Registration held in 257 Hurley Hall

Wednesday March 14, 2012

- 8:00AM Registration
8:45AM Opening Remarks by Timothy O'Meara
9:00AM A. Huckleberry: *"Hyperbolicity in a group action setting"*
10:00AM Break and Registration
10:15AM N. Sibony: *"Second main theorem and holomorphic dynamics."*
11:15PM Break and Registration
11:30AM G. Patrizio: *"Green Pluripotential on Almost Complex Domains"*
12:30PM Lunch
2:00PM J. Noguchi: *"Entire curves into semi-abelian varieties and related topics"*
3:00PM Break
3:30PM D. Chakrabarti: *"The $\bar{\partial}$ -problem in product domains."*
4:00PM Break
4:15PM G. Heier: *"On uniformly effective birationality and the Shafarevich Conjecture over curves"*
4:45PM Break
5:00PM J. Sun: *"On the Demailly-Semple jet bundles of hypersurfaces in the 3-dimensional complex projective space"*
6:00PM Conference Reception – McKenna Hall Atrium

Thursday March 15, 2012

- 8:30AM Registration
9:00AM B. Shiffman: *" L^p norms of random holomorphic sections"*
10:00AM Break and Registration
10:15AM G. Schumacher: *"Moduli of Riemann Surfaces: A View from Kähler Geometry"*
11:15PM Break and Registration
11:30AM J. Wang: *"Second Main Theorems and Büchi's Problem over Function Fields"*
12:30PM Lunch
2:00PM R. Szöke: *"Curvature of fields of quantum Hilbert spaces"*
3:00PM Break
3:30PM J. Winkelmann: *"TBA"*
4:30PM Break
4:45PM Y. Tiba: *"Kobayashi Hyperbolic Imbeddings into the Toric Varieties"*
5:15PM Break
5:30PM D. Brotbek: *"Surfaces with ample cotangent bundle"*

Friday March 16, 2012

8:30AM Registration
9:00AM L. Lempert: *"Weak Geodesics in the Space of Kähler Metrics"*
10:00AM Break and Registration
10:15AM T-C Dinh: *"Density of positive closed currents and dynamics of Hénon-type automorphisms of \mathbb{C}^k "*
11:15PM Break and Registration
11:30AM J. Duval: *"On Brody curves in P^n ."*
12:30PM Lunch
2:00PM A. Eremenko: *"Fubini - Study derivative of a holomorphic curve"*
3:00PM Break
3:30PM Y. Yuan: *"TBA"*
4:00PM Break
4:15PM L. Vivas: *"Basins of Attraction of Automorphisms in \mathbb{C}^3 "*
4:45PM Break
5:00PM Y. Rubinstein: *"Einstein metrics on Kähler manifolds"*
5:30PM Problem Session

Saturday March 17, 2012

9:00AM D. Burns: *"TBA"*
10:00AM Break
10:15AM A. Atsuji: *"Another approach to Nevanlinna theory from diffusion processes."*
11:15PM Break and Registration
11:30AM J. Merker: *"A differential algebra approach to Kobayashi hyperbolicity"*
12:30PM Lunch
2:00PM E. Rousseau: *"On the hyperbolicity of surfaces of general type with small K^2 "*
3:00PM Break
3:30PM E. Wulcan: *"Realizing Serre duality as a product of currents"*
4:00PM Break
4:15PM D. Wu: *"Complete Kähler -Einstein metrics on quasi-projective manifolds revisited"*
4:45PM Break
5:00PM Y. Zhang: *"Global extension and rigidity for local holomorphic isometric embeddings"*
6:00PM Conference Dinner – Morris Inn, Notre Dame Donor's Room

Sunday March 18, 2012

8:30AM P. Vojta: *"The McQuillan-Chen proof of the "1+epsilon" conjecture over function fields"*
9:30AM Break
9:45AM M. Ru: *"Nevanlinna theory and its applications"*
10:45AM Break
11:00AM Y-T Siu: *"Partial Frobenius integrability and its applications"*