# Analytical aspects of the dbar equation

Graduate School of Mathematics, Nagoya University
Room 309
February 13–15, 2015

## Friday, February 13th

09:30–10:30   John Erik Fornæss (NTNU Trondheim):
*Squeezing functions*

11:00–12:00   Elizabeth Wulcan (Gothenburg University):
*Nonproper intersection theory and generalized cycles*

13:30–14:30   Hideyuki Ishi (Nagoya University)
*CR Laplacian-type operator on the boundary of the generalized upper half plane*

15:00–16:00   Takayuki Koike (University of Tokyo)
*Toward a higher codimensional Ueda theory*

16:15–17:15   Masanori Adachi (Pohang University of Science and Technology, Nagoya University)
*Curvature restrictions for Levi-flat hypersurfaces in complex projective planes*

## Saturday, February 14th

09:30–10:30   Chin-Yu Hsiao (Academia Sinica)
*Szegö kernel asymptotics and Kodaira embedding theorems on Levi-flat CR manifolds*

11:00–12:00   Xiaoshan Li (Academia Sinica)
*Szegö kernel asymptotics and Morse inequalities on CR manifolds with $S^1$ action*

13:30–14:30   Shin-ichi Matsumura (Kagoshima University)
*Versions of injectivity theorems*

15:00–16:00   Po Lam Yung (Chinese University of Hong Kong)
*A new algebra of pseudodifferential operators*

16:15–17:15   Anne-Katrin Herbig (Nagoya University)
*On the closed range property of $\overline{\partial}$*

18:00–   Banquet

## Sunday, February 15th

09:30–10:30   Pham Hoang Hiep (Hanoi National University of Education)
*Recent development about the strong openness conjecture and effective version
of the semicontinuity theorem*

11:00–12:00   Takeo Ohsawa (Nagoya University)
*Compactly supported cohomology by the $L^2$ method*

### Contacts

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