Workshop on
“Several complex variables and CR geometry”
November 3 - November 13, 2015

organized by
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Part two

November 9 - November 13, 2015

• Monday, November 9, 2015
  9:30 – 10:00 Registration
  10:00 – 11:00 Takeo Ohsawa
  Backgrounds and updates of $L^2$ extension theorems
  11:00 – 11:30 coffee/tea break
  11:30 – 12:20 Jeffery McNeal
  The Bergman projection on generalized Hartogs triangles
  12:20 – 15:00 lunch break
  15:00 – 15:50 Loredana Lanzani
  Singular Integral techniques in Several complex variables
  16:00 – 16:50 Francine Meylan
  Higher order symmetries of real hypersurfaces in $\mathbb{C}^3$

• Tuesday, November 10, 2015
  10:00 – 10:50 Martin Kolar
  Automorphism groups of Levi degenerate hypersurfaces in $\mathbb{C}^3$
  10:50 – 11:30 coffee/tea break
  11:30 – 12:20 Giuseppe Della Sala
  Stationary discs and singular Riemann-Hilbert problems
• **Wednesday, November 11, 2015**
10:00 – 10:50 **Mehmet Celik**
*Analysis on the intersection of pseudoconvex domains*
10:50 – 11:30 coffee/tea break
11:30 – 12:20 **Gian Maria Dall’Ara**
*The weighted ∂-problem in \( C^n \): solvability, compactness, and pointwise bounds for the Bergman kernel*
12:20 – 15:00 lunch break
15:00 – 15:50 **Emil Straube**
*L^2-Sobolev and compactness estimates for \( \overline{\partial}M \): a (very) brief survey*

• **Thursday, November 12, 2015**
10:00 – 10:50 **Soledad Benguria**
*An application of John ellipsoids to the Szegö kernel on unbounded convex domains*
10:50 – 11:30 coffee/tea break
11:30 – 12:20 **Bo-Yong Chen**
*Parameter dependence of the Bergman kernels: Hölder continuity*
12:20 – 15:00 lunch break
15:00 – 15:50 **Ingo Lieb**
*Formulae and estimates for the Cauchy-Riemann equations*

• **Friday, November 13, 2015**
10:00 – 10:50 **Franz Berger**
*The essential spectrum of the complex Laplacian on product manifolds*
10:50 – 11:30 coffee/tea break
11:30 – 12:20 **Paulo Cordaro**
*Semi-global solvability with loss of one derivative for linear partial differential operators in dimension 2*
12:20 – 15:00 lunch break
15:00 – 15:50 **Wlodzimierz Zwonek**
*Multidimensional Suita conjecture*
16:00 – 16:50 **Andrew Seth Raich**
*Global L^2-Gevrey Function Spaces*

All talks take place at the ESI, Boltzmann Lecture Hall!