

# Nordan 2016: Several Complex Variables

Location: SU, Kräftriket, Building 5, room no. 36

- **Thursday, March 17**

14:00 – 14:40 Judith Brinkschulte,  
On the nonvanishing of abstract Cauchy-Riemann cohomology groups

14:45 – 15:25 Dan Popovici,  
Positivity and Duality on Compact Complex Manifolds

**Coffee break**

16:00 – 16:40 Daniel Barlet,  
A note on some fiber-integrals  $\int_{f=s} \rho.(\omega/df) \wedge (\overline{\omega/df})$

16:45 – 17:25 Jón Ingólfur Magnússon,  
Intersection theory and relative fundamental classes

- **Friday, March 18**

14:00 – 14:40 Margaret Stawiska-Friedland,  
A characterization of polynomials in complex and non-archimedean dynamics

14:45 – 15:25 Maria Trybuła,  
Boundary behavior of invariant functions on planar domains

**Coffee break**

16:00 – 16:40 David Witt Nyström,  
Duality between the pseudoeffective and the movable cone on a projective manifold

16:45 – 17:25 Martin Sera,  
On vanishing results for  $L^2$ -Dolbeault cohomology on pseudoconvex complex spaces

17:45 – 18:25 Miroslav Engliš,  
High-power asymptotics of weighted harmonic Bergman kernels

- **Saturday, March 19**

14:00 – 14:40 Francine Meylan,  
Automorphism groups of Levi degenerate hypersurfaces in  $\mathbb{C}^3$

14:45 – 15:25 Alexander Rashkovskii  
Analytic and plurisubharmonic singularities

**Coffee break**

16:00 – 16:40 Moulay Taib Belghiti,  
Degrees of polynomial approximation in holomorphic Carleman classes

16:45 – 17:25 Frank Kutzschebauch,  
An Oka principle for simultaneous standardization of n-tuples of points

17:45 – 18:25 Mattias Jonsson,  
Invariant measures for birational surface maps defined over number fields