

# Several Complex Variables — Moscow 2005

*Dedicated to the memory of Anatoly Vitushkin*

## Monday, September 26

- 9<sup>30</sup> – 11<sup>00</sup> *Registration*
- 11<sup>00</sup> – 11<sup>50</sup> Alan Huckleberry  
“On cycle domains and their boundaries”
- 12<sup>00</sup> – 12<sup>30</sup> *Coffee*
- 12<sup>30</sup> – 13<sup>20</sup> Yum-Tong Siu  
“Multiplier ideal sheaves and the finite generation of canonical rings”
- 13<sup>30</sup> – 15<sup>00</sup> *Lunch*
- 15<sup>00</sup> – 15<sup>50</sup> Peter Heinzner  
“Actions of real forms of reductive groups on Kähler manifolds”
- 16<sup>00</sup> – 16<sup>25</sup> Aleksander Isaev  
“Determination of Kobayashi-Hyperbolic Manifolds  
by the Dimension of their Holomorphic Automorphism Group”
- 16<sup>30</sup> – 17<sup>00</sup> *Coffee*
- 17<sup>00</sup> – 17<sup>25</sup> Gerd Schmalz  
“Cartan connection for Engel CR-manifolds”
- 17<sup>30</sup> – 17<sup>55</sup> Vladimir Ezhov  
“Towards a classification of affine homogeneous domains in  $\mathbb{C}^4$ ”
- 18<sup>00</sup> – 18<sup>25</sup> Aleksander Loboda  
“On affine homogeneity of real hypersurfaces in  $\mathbb{C}^3$ ”
- 19<sup>00</sup> – ... *Reception*

## Tuesday, September 27

- 10<sup>00</sup> – 10<sup>50</sup> Klas Diederich  
“Nonisotropic theory of  $\bar{\partial}$ ”
- 11<sup>00</sup> – 11<sup>50</sup> Takeo Ohsawa  
“A glimpse of Levi-flats”
- 12<sup>00</sup> – 12<sup>30</sup> *Coffee*
- 12<sup>30</sup> – 13<sup>20</sup> Bo Berndtsson  
“Subharmonicity of Bergman kernels and the curvature of vector bundles”
- 13<sup>30</sup> – 15<sup>00</sup> *Lunch*
- 15<sup>00</sup> – 15<sup>50</sup> Evgeny Poletsky  
“Disk envelopes and envelopes of holomorphy”
- 16<sup>00</sup> – 16<sup>25</sup> Sergey Ivashkovich  
“On soft and hard Levi-type extension theorems”
- 16<sup>30</sup> – 17<sup>00</sup> *Coffee*
- 17<sup>00</sup> – 17<sup>25</sup> Aleksander Krivosheev  
“Analytic continuation of functions of invariant subspaces”
- 17<sup>30</sup> – 17<sup>55</sup> Sergey Znamenski  
“Circularly symmetric compact sets which are unique convex supports  
of analytic functionals”

### Wednesday, September 28

- 11<sup>00</sup> – 11<sup>50</sup> Junjiro Noguchi  
“Recent topics on holomorphic curves and applications”
- 12<sup>00</sup> – 12<sup>30</sup> *Coffee*
- 12<sup>30</sup> – 13<sup>20</sup> Ryoichi Kobayashi  
“On the exceptional values of the Gauss map of complete minimal surfaces and Nevanlinna Theory”
- 13<sup>30</sup> – 15<sup>00</sup> *Lunch*
- 15<sup>00</sup> – 15<sup>50</sup> Xiangyu Zhou  
“On invariant holomorphic extensions”
- 16<sup>00</sup> – 16<sup>25</sup> Avgust Tsikh  
“Amœbas, co-amœbas and discriminants of polynomial mappings”
- 16<sup>30</sup> – 17<sup>00</sup> *Coffee*
- 17<sup>00</sup> – 17<sup>25</sup> Timur Sadykov  
“The characteristic variety of a hypergeometric system of equations”
- 17<sup>30</sup> – 17<sup>55</sup> Alex Shchuplev  
“Residues in complements to collections of coordinate planes”

### Thursday, September 29

- 10<sup>00</sup> – 10<sup>50</sup> Finnur Larusson  
“Model categories and the Oka Principle”
- 11<sup>00</sup> – 11<sup>50</sup> Franc Forstnerič  
“Stein structures and holomorphic mappings”
- 12<sup>00</sup> – 12<sup>30</sup> *Coffee*
- 12<sup>30</sup> – 13<sup>20</sup> Claude Viterbo  
“Floer Homology and applications to several complex variables”
- 13<sup>30</sup> – 15<sup>00</sup> *Lunch*
- 15<sup>00</sup> – 15<sup>50</sup> Jean-Pierre Rosay  
“Plurisubharmonic functions on almost complex manifolds and applications”
- 16<sup>00</sup> – 16<sup>25</sup> Aleksander Sukhov  
“Some aspects of analysis on domains in almost complex manifolds”
- 16<sup>30</sup> – 17<sup>00</sup> *Coffee*
- 17<sup>00</sup> – 17<sup>25</sup> Aleksander Tumanov  
“Filling hypersurfaces by discs in almost complex manifolds”
- 17<sup>30</sup> – 17<sup>55</sup> Viktor Chueshev  
“Multiplicative Weierstraß points”

## Friday, September 30

- 10<sup>00</sup> – 10<sup>50</sup> Mark Mel'nikov  
"Removable singularities. Analytic capacity. Cauchy integral."
- 11<sup>00</sup> – 11<sup>50</sup> Burglind Juhl-Jöricke  
"Cantor sets, polynomial hulls and a conjecture of Vitushkin"
- 12<sup>00</sup> – 12<sup>30</sup> *Coffee*
- 12<sup>30</sup> – 13<sup>20</sup> Stepan Orevkov  
"Vitushkin's problem on the longest boundary component  
of an algebraic curve in the unit ball"
- 13<sup>30</sup> – 15<sup>00</sup> *Lunch*
- 15<sup>00</sup> – 15<sup>50</sup> Josip Globevnik  
"Analyticity on translates of a Jordan curve"
- 16<sup>00</sup> – 16<sup>25</sup> Vladimir Eiderman  
"Cartan-type estimates for the Cauchy potential"
- 16<sup>30</sup> – 17<sup>00</sup> *Coffee*
- 17<sup>00</sup> – 17<sup>25</sup> Sergey Pinchuk  
"Boundary regularity of proper holomorphic mappings of positive codimension"
- 17<sup>30</sup> – 17<sup>55</sup> Ilya Kossovski  
"Envelope of holomorphy of a cubic and the "rigidity" phenomenon"
- 18<sup>00</sup> – 18<sup>25</sup> Rasul Shafikov  
"Uniformization of strictly pseudoconvex domains"
- 19<sup>00</sup> – ... *Conference Dinner*