Marko Slapar

University of Ljubljana
Faculty of Education
Kardeljeva Ploščad 16
1000 Ljubljana, Slovenia
marko.slapar@pef.uni-lj.si

University of Ljubljana
Faculty of Mathematics and Physics
Jadranska 19
1000 Ljubljana, Slovenia
marko.slapar@fmf.uni-lj.si

University of Ljubljana
IMFM
Jadranska 19
1000 Ljubljana, Slovenia
marko.slapar@fmf.uni-lj.si

RESEARCH INTERESTS

Several complex variables. Soft methods in CR geometry. Low-dimensional topology.

EDUCATION

University of Michigan, Ann Arbor, Michigan USA
Ph.D. In Mathematics, August 2003
Advisor: John Erik Fornaess
Thesis: Real surfaces in complex surfaces
M.S. in Mathematics, December 1999

University of Ljubljana, Ljubljana, Slovenia
M.S. in Mathematics, June 2000
Advisor: Franc Forstnerič
B.S. in Mathematics, September 1997
Advisor: Josip Globevnik

HONORS AND AWARDS

Rackham One-term Dissertation Fellowship, University of Michigan, 2003

Študentska Prešernova nagrada, University of Ljubljana, FMF, 1997

ACADEMIC EXPERIENCE

University of Ljubljana, Faculty of Education, Ljubljana, Slovenia
Associate professor — October 2009 - present

University of Ljubljana, Faculty of Mathematics and Physics, Ljubljana, Slovenia
Associate professor — October 2017 - present

Institute of Mathematics, Physics and Mechanics, Ljubljana, Slovenia
Researcher — April 2003-present

University of Ljubljana, Faculty of Mathematics and Physics, Ljubljana, Slovenia
Assistant — October 2003 - September 2009

University of Bern, Bern, Switzerland
Post-doc — March 2006 - September 2006

University of Michigan, Ann Arbor, Michigan USA
Graduate student and Teaching assistant — September 1998 - March 2003

POSSITIONS

President of the Academic council, Faculty of Education, University of Ljubljana
May 2015 - present

Head of the Department of Mathematics and Computer science, Faculty of Education, University of Ljubljana — October 2016 - present

PAPERS

with T. Starčič, *On Normal Forms of Complex Points of codimension 2 submanifolds,* submitted

with R. Torres, *Classification results of totally real immersions and embeddings into Cn,* submitted

with D. Ruberman and S. Strle, *Thom conjecture in CP3,* in preparation

On Complex Points of Codimension 2 Submanifolds, J. Geom. Anal. 26 (2016), no. 1, 206-219

CR regular embeddings and immersions of compact orientable 4-manifolds into C3, Internat. J. Math. 26 (2015), no. 5

*Canceling Complex Points in Codimension 2,*Bulletin of the Australian Mathematical Society 88 (2013), no.1, 64-69

Modeling Complex Points up to Isotopy, J. Geom. Anal. 23 (2013), no. 4, 1932-1942

with J. Prezelj, *The generalized Oka-Grauert principle for 1-convex manifolds,* Michigan Math. J. 60 (2011), no. 3, 495-506

with F. Forstnerič, *Deformations of Stein structures and extensions of holomorphic mappings,* Math. Res. Lett. 14 (2007), no. 2, 343-357

with F. Forstnerič, *Stein structures and holomorphic mappings,* Math. Z. 256 (2007), no. 3, 615-646

Real surfaces in elliptic surfaces, Internat. J. Math. 16 (2005), no. 4, 357-363

On Stein neighborhood basis of real surfaces, Math. Z. 247 (2004), no. 4, 863-879

INVITED TALKS

Totally real immersions and embeddings of simply connected 5-manifolds, First Central European Complex Analysis Meeting, October 20-21, Vienna, Austria

On the moduli space of quadratically flat complex points, 19th OMG Congress and Annual DMV Meeting, September 11-15, Salzburg, Austria

On the thom conjecture in CP2, University of Belgrade, Serbia, May 2017

On Thom conjecture in CP^3 Analysis and geometry in several complex variables II., Texas A&M University, January 8-12, 2017, Doha, Qatar

On Thom conjecture in CP^3, Sanya School in Complex Analysis and Geometry, Tsinghua Sanya International Mathematics Forum, January 16-20, 2016, Sanja, China

Totally real immersions and embeddings of simply connected 5 manifold, University of Podgorica, Montenegro, November 2016

On Thom conjecture in higher dimensions, Universite des Sciences et Technologies de Lille, France, September 2015

On CR singular points of real submanifolds, Analysis and geometry in several complex variables, Texas A&M University, January 4-8, 2015, Doha, Qatar

Complex points of codimension 2 submanifolds, TSIMF Symposium on Complex Analysis and Complex Dynamics, Sanya, China, May 12-16, 2014

Real 4 manifolds in complex 3 manifolds, Norges teknisk-naturvitenskapelige universite, Institutt for matematiske fag, Trondheim, Norway, September 2013

Soft Oka principle for Stein manifolds, Universität Wien, Fakultät für Mathematik, Austria, April 2013

CR singular points of real manifolds in complex manifolds, Workshop Geometric and Complex Analysis, Departamento de Geometra y Topologia, Universidad de Granada, Spain, November 22-23, 2012

Complex points of 4 manifolds in 3 manifolds, Universität Wien, Fakultät fr Mathematik, Austria, November 2011

On CR singular points of real manifolds in complex manifolds, Joint Mathematical Conference of the Austrian Mathematical Society at the Donau-Universität Krems, Austria, September 25-28, 2011

Real four manifolds in complex three manifolds, Universite des Sciences et Technologies de Lille, France, November 2010

On the topological characterization of Stein manifolds, Universite des Sciences et Technologies de Lille, France, December 2009

Stein neighborhoods of real surfaces in complex surfaces, Universite J. Fourier, Grenoble, France, December 2006

Stein structures and holomorphic mappings, Universität Bern, Switzerland, September 2006

Stein neighoborhoods of real surfaces in complex surfaces, Invariants in Low-dimensional Topology, Alfred Renyi Institute of Mathematics, Budapest, Hungary, June 16 - 21, 2003